

INDIANA

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF WATER

ELEVATIONS AND BENCH MARK LOCATIONS

FOR

MORGAN COUNTY

USC&GS BM L 63, 1946

In Morgan County, Eminence Quad., in the NE  $\frac{1}{4}$  of Sec. 28, T. 13 N., R. 2 W., 2<sup>nd</sup> PM; about 1.0 mile north of Eminence; about 0.2 mile north along State Road 42 from its intersection with 750 North Road at Johnson's Farm; set in the top of a concrete post, 84 feet northwest of the northwest corner of the house, 64 feet south of the southwest corner of a turkey brooder house, 23 feet east of and about level with the centerline of the highway, 15 feet north of the centerline of the driveway to the barnyard, 8 feet northeast of a concrete gate post; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "L 63 1946".

762.397 feet NGVD 1929

IFC&WRC TBM MC 12

In Morgan County, Eminence Quad., in the SE  $\frac{1}{4}$  of Sec. 29, T. 13 N., R. 2 W., 2<sup>nd</sup> PM; about 1.0 mile northwest of Eminence; at the 750 North Road 60-foot steel and concrete bridge over Lake Ditch (Cooks Ditch); set on the southeast wingwall, 6 feet south of the south truss; a chiseled square.

741.347 feet NGVD 1929

IFC&WRC BM MOR 1

In Morgan County, Eminence Quad., in the NW  $\frac{1}{4}$  of Sec. 29, T. 13 N., R. 2 W., 2<sup>nd</sup> PM; about 1.3 miles northwest of Eminence; at the 1275 West Road (1025 East Road) 110-foot one-span steel truss bridge over Mill Creek Ditch; set on the southeast wingwall, 2 feet east of the south end of the east truss, 0.3 foot below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 1".

741.722 feet NGVD 1929

USC&GS BM N 63, 1946

In Morgan County, Eminence Quad., in the NW  $\frac{1}{4}$  of Sec. 21, T. 13 N., R. 2 W., 2<sup>nd</sup> PM; about 0.9 miles southwest of Little Point; about 1.15 miles west and south along State Road 42 from the store at Little Point, at a right-angle turn in the highway and a gravel road leading west; set in the top of a concrete post, 109 feet southeast of and across the side road from a two-story brick farm house, 38 feet southwest of and across the side road from a power pole with a transformer, 30 feet west of the extended centerline of the north-south highway, 17 feet south of the centerline of the side road, 9.5 feet west of a fence corner; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "N 63 1946".

749.165 feet NGVD 1929

#### IFC&WRC BM MOR 2

In Morgan County, Eminence Quad., in the NE  $\frac{1}{4}$  of Sec. 20, T. 13 N., R. 2 W., 2<sup>nd</sup> PM; about 1.1 miles southwest of Little Point; about 1.5 miles west and south along State Road 42 from the Store at Little Point to a gravel road leading west, thence 0.3 mile west to a two-span bridge (one span being a covered bridge and the other a steel truss) over Mill Creek Ditch; set on the southeast wingwall of the east span, 4 feet south of the south truss; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 2".  
755.049 feet NGVD 1929

#### USC&GS BM P 63, 1946

In Morgan County, Eminence Quad., in the SW  $\frac{1}{4}$  of Sec. 15, T. 13 N., R. 2 W., 2<sup>nd</sup> PM; at Little Point; at the "T" road intersection of State Road 42 and 1100 West Road; set in the top of a concrete post, 75 feet northeast of the northeast corner of Charles Burn's House, 64 feet southwest of and across State Road 42 from the Little Point Store, 29 feet south of and about 1 foot above the center line of a driveway to a small house, 4 feet east of the extended center line of 1100 West Road; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "P 63 1946".  
776.111 feet NGVD 1929

#### IFC&WRC TBM MC 13

In Morgan County, Eminence Quad., in the SE  $\frac{1}{4}$  of Sec. 9, T. 13 N., R. 2 W., 2<sup>nd</sup> PM; about 0.8 mile north of Little Point; at the 1100 West Road one-span steel truss bridge over Mud Creek; set on the west end of the north abutment, 2 feet west of the north end of the west truss, 1 foot below the bridge floor; a chiseled square.  
750.047 feet NGVD 1929

#### IFC&WRC BM MOR 3

In Morgan County, Eminence Quad., in the SE  $\frac{1}{4}$  of Sec. 8, T. 13 N., R. 2 W., 2<sup>nd</sup> PM; about 1.5 miles northwest of Little Point; at the 1050 North Road 70-foot one-span steel truss bridge over Mill Creek Ditch; set on the south end of the east abutment, 0.5 foot south of and level with the southeast bridge seat; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 3".  
749.809 feet NGVD 1929

#### IFC&WRC BM MOR 4

In Morgan County, Eminence Quad., in the NW  $\frac{1}{4}$  of Sec. 4, T. 13 N., R. 2 W., 2<sup>nd</sup> PM; about 2.2 miles northwest of Little Point; at the 1050 North Road 70-foot one-span steel truss bridge over Mill Creek Ditch; set on the northeast wingwall, 7 feet northeast of the east end of the north truss; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 4".

755.119 feet NGVD 1929

#### USC&GS BM R 13, 1930

In Morgan County, Martinsville Quad., in the SE  $\frac{1}{4}$  of Sec. 33, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; at Martinsville; at the Morgan County Courthouse, at the northwest part of the lawn; set in the top of a concrete post, 72.8 feet northwest of the northwest corner of the north wing of the building, 59.0 feet north of a Civil War Cannon Memorial, 37.4 feet south of a flag pole, 0.8 foot above the ground; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "607.213 R 13 1930".

607.213 feet NGVD 1929

#### USC&GS BM X 76 RESET 1952

In Morgan County, Martinsville Quad., in the SW  $\frac{1}{4}$  of Sec. 32, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.2 mile west of Martinsville; at the State Road 39, 1070 foot continuous steel girder bridge over the West Fork White River; set in the north sidewalk at the east end of the bridge, 0.5 foot above the ground; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "X 76 RESET 1952".

608.837 feet NGVD 1929

#### ISHC BM MOR G 1

In Morgan County, Martinsville Quad., in the NW  $\frac{1}{4}$  of Sec. 32, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.2 mile west of Martinsville; at the State Road 39, 1070 foot continuous steel girder bridge over the West Fork White River; set in the top of the north curb of the bridge, 500 feet east of the junction with State Road 67, 18.0 feet north of the centerline of State Road 39, 2.0 feet east of the west end of the bridge, 1.1 feet above the ground; a Indiana State highway Commission bronze disk, stamped "MOR G 1".

608.800 feet NGVD 1929

USC&GS BM W 76, 1946

In Morgan County, Martinsville Quad., in the NW  $\frac{1}{4}$  of Sec. 32, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.4 mile northwest of Martinsville; about 0.4 miles northeast along State Road 67 from its intersection with Pumkinvine Hill Road and State Road 39; set in the top of the center of the northwest headwall of a 4-foot concrete box culvert, 26 feet northwest of the centerline of the highway, about 2 feet lower than the highway level; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "W 76 1946".  
600.292 feet NGVD 1929

USC&GS TBM 326

In Morgan County, Cope Quad., in the SW  $\frac{1}{4}$  of Sec. 13, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.4 miles northwest of Cope, at Stines Mill Corner; at the old State Road 37 concrete bridge over Clear Creek; set on the southeast wingwall of the bridge, 180 feet north of the Old Millstone Garage, 1.1 feet from the south face of the end post, 0.5 foot from the northeast face of the wingwall; a chiseled square.  
625.953 feet NGVD 1929

IFC&WRC TBM SC 6, 1961

In Morgan County, Cope Quad., in the SE  $\frac{1}{4}$  of Sec. 13, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.2 miles northwest of Cope; at the "T"-road intersection of State Road 37 and 350 North Road, in the southeast quarter of the "T"-junction; set in the north side of an 18-inch Walnut tree, 17 feet south of the centerline of 350 North Road, 5.7 feet east of a power pole, 175 feet east of the centerline of State Road 37, 1.3 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM SC 6 1961".  
626.039 feet NGVD 1929

USC&GS BM U 13, 1930

In Morgan County, Cope Quad., in the NE  $\frac{1}{4}$  of Sec. 13, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.2 miles northwest of Cope; about 0.35 mile generally northeast along State Road 37 from its "T"-road intersection with 350 North Road to the residence of Lester Hine; set in the top of a concrete post, 16.5 feet west of the west edge of State Road 37, 16 feet north of the centerline of a gravel driveway, on a north-south fence line, 0.4 foot above the ground; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "629.805 U 13 1930".  
629.805 feet NGVD 1929

IFC&WRC TBM SC 5, 1961

In Morgan County, Cope Quad., in the NW  $\frac{1}{4}$  of Sec. 18, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.0 miles northwest of Cope; about 1.4 miles west along 350 North Road from its "T" road intersection with 525 East Road to a 24-inch Oak tree; set in the north side of the tree, 26 feet west of the centerline of the driveway to a white frame house, 12 feet north of the centerline of 350 North Road, 0.6 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM SC 5 1961".  
638.752 feet NGVD 1929

IFC&WRC TBM SC 4

In Morgan County, Cope Quad., in the NW  $\frac{1}{4}$  of Sec. 17, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.5 miles northwest of Cope, about 0.65 mile west along 350 North Road from its "T" road intersection with 525 East Road to a 10-foot concrete box culvert; set in the west end of the north headwall, 10 feet north of the center line of 350 North Road, 1.5 feet west of the east end of the north headwall, 1.3 feet above the road; a chiseled triangle.  
661.881 feet NGVD 1929

IFC&WRC BM MOR 11, 1960

In Morgan County, Cope Quad., in the SW  $\frac{1}{4}$  of Sec. 17, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.5 miles northwest of Cope, about 0.65 mile west along 350 North Road from its "T" road intersection with 525 East Road to a 10-foot concrete box culvert; set in the top of the southwest wingwall, 10.5 feet south of the centerline of the road, 0.4 foot northwest of the southeast side of the wingwall, 0.1 foot west of the west end of the south headwall, 1.5 feet below the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 11 1960".  
659.362 feet NGVD 1929

IFC&WRC TBM SC 3, 1961

In Morgan County, Cope Quad., in the NW  $\frac{1}{4}$  of Sec. 17, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.3 miles northwest of Cope, about 0.35 mile west along 350 North Road from its "T" road intersection with 525 East Road to a farm lane north, at the east edge of the farm lane; set in the southwest side of a 24-inch Walnut tree, 72 feet east of power pole #239/317, 16 feet north of the centerline of 350 North Road, on an east-west fence line, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM SC 3 1961".  
729.113 feet NGVD 1929

IFC&WRC BM MOR 10, 1960

In Morgan County, Cope Quad., in the SW ¼ of Sec. 16, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.1 miles north of Cope; at the 350 North Road two-span concrete arch bridge over Stotts Creek; set in the top of the southwest retaining wingwall, 7 feet south of the centerline of the road, 6 feet west of the west end of the south bridge guardrail, 1.0 foot above the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet stamped, "MOR 10 1960".

***DESTROYED...NEW BRIDGE 4/9/70***

636.948 feet NGVD 1929

IFC&WRC TBM SC 2

In Morgan County, Cope Quad., in the SE ¼ of Sec. 17, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 1.8 miles northwest of Cope, about 0.35 mile south along 525 East Road from its "T" road intersection with 350 North Road to a grass farm lane west; set in the top of a concrete fence post, 400 feet north of a right angle turn in the road, 17.5 feet west of the centerline of 525 East Road, 15 feet north of power pole # 254/614, 10 feet north of the centerline of the farm lane, on the east edge of a field, 3.9 feet above the ground; a chiseled triangle.

676.293 feet NGVD 1929

IFC&WRC TBM SC 1, 1961

In Morgan County, Cope Quad., in the NW ¼ of Sec. 21, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 1.4 miles north of Cope; about 0.15 mile west along 250 North Road from its "T" road intersection with 575 East Road to a "T" road northwest, thence 0.4 mile generally northwest to a 30-inch Hazlenut tree; set in the west side of the tree, 16 feet east of the center line of the paved road, on a north-south fence line, 0.6 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM SC 1 1961".

688.769 feet NGVD 1929

IFC&WRC BM MOR 9, 1960

In Morgan county, Cope Quad., in the SW ¼ of Sec. 21, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 1.0 mile north of Cope; at the 250 North Road one-span steel truss bridge over the South Prong of Stotts Creek; set in the top of the southwest bridge seat, 9 feet south of the centerline of the road, 0.35 foot west of the east side of the bridge seat, 1.0 foot below the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 9 1960".

650.572 feet NGVD 1929

IFC&WRC BM MOR 8, 1960

In Morgan County, Cope Quad., in the NE ¼ of Sec. 21, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 1.2 miles north of Cope; at the 625 East Road steel truss bridge over the North Prong of Stotts Creek; set in the top of the southeast wingwall, 11 feet east of the center line of 625 East Road, 1.5 feet southeast of the southeast corner of the east steel truss, 1.0 foot southwest of the northeast side of the wingwall, level with the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 8 1960".

650.871 feet NGVD 1929

Note : Benchmark has been reset see DNR BM MOR 8 RESET 1990

IFC&WRC TBM NPSC 11, 1961

In Morgan County, Cope Quad., in the NW ¼ of Sec. 22, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 1.4 miles northeast of Cope; about 0.25 mile east along 250 North Road from its "T" road intersection with 650 East Road to a 90 degree bend in the road to the north, on the extended centerline of the east-west section of 250 North Road; set in the west side of a 40-inch Elm tree, 18 feet east of the extended center line of the north-south section of 250 North Road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM NPSC 11 1961".

662.899 feet NGVD 1929

IFC&WRC BM MOR 7, 1960

In Morgan County, Cope Quad., in the NE ¼ of Sec. 22, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 1.8 miles northeast of Cope; at the 700 East Road concrete bridge over the North Prong of Stotts Creek; set in the southeast bridge seat, 27 feet north of the centerline of the gravel 250 North Road, 12 feet east of the centerline of the gravel 700 East Road, 4.5 feet south of the north end of the southeast bridge seat, 0.7 foot west of the east side of the bridge seat, 10 feet below the floor of the bridge; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 7 1960".

654.784 feet NGVD 1929

IFC&WRC TBM NPSC 10

In Morgan county, Cope Quad., in the NE ¼ of Sec. 22, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 1.8 miles northeast of Cope; at the 700 East Road concrete bridge over the North Prong of Stotts Creek; set in the northeast wingwall of the bridge, 20 feet northwest of the right (north) bank of the creek, 13 feet east of the centerline of the gravel 700 East Road, 9 feet north of the north end of the east concrete handrail, 1.0 foot above the road; a chiseled triangle".

663.459 feet NGVD 1929

IFC&WRC TBM NPSC 9, 1961

In Morgan County, Cope Quad., in the SW ¼ of Sec. 14, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.3 miles northeast of Cope, 0.5 mile west along Brian Cemetery Road from the Brian Cemetery to a 24-inch Walnut tree; set in the south side of the tree, 18 feet north of the centerline of the gravel Brian Cemetery Road, 11 feet west of the centerline of a farm lane north, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM NPSC 9 1961".

681.924 feet NGVD 1929

IFC&WRC BM MOR 6, 1960

In Morgan County, Cope Quad., in the SW ¼ of Sec. 14, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.6 miles northeast of Cope; 0.05 mile west along Brian Cemetery Road from the Brian Cemetery to a 12-foot box culvert under the road; set in the southwest wingwall, 12 feet south of the centerline of the road, 4.3 feet east of the west end of the wingwall, 0.5 foot north of the south side of the wingwall, level with the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 6 1960".

681.962 feet NGVD 1929

IFC&WRC TBM NPSC 8

In Morgan County, Cope Quad., in the SE ¼ of Sec. 14, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.9 miles northeast of Cope; about 0.3 mile east along Brian Cemetery Road from the Brian Cemetery to a concrete bridge over a tributary to the North Prong of Stotts Creek; set in the west end of the south handrail of the concrete bridge, 10 feet south of the centerline of the gravel road, 3.3 feet east of the west end of the south handrail, 4.4 feet above the road; a chiseled triangle.

689.187 feet NGVD 1929

IFC&WRC BM MOR 5, 1960

In Morgan County, Cope Quad., in the NE ¼ of Sec. 23, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.0 miles northeast of Cope; at the 850 east Road one-span steel truss bridge over the North Prong of Stotts Creek; set in the southwest wingwall, 12 feet west of the centerline of the road, 2 feet southwest of the southwest corner of the west steel truss, 0.65 foot southeast of the northwest side of the wingwall, level with the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 5 1960".

685.532 feet NGVD 1929

***TO BE DESTROYED 12/27/77***

IFC&WRC TBM NPSC 7

In Morgan County, Cope Quad., in the SE  $\frac{1}{4}$  of Sec. 14, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3 miles northeast of Cope; at the "T"-road intersection of 850 East Road and Brian Cemetery Road; set in the north end of a concrete box culvert, 27 feet north of the extended centerline of Brian Cemetery Road, 12 feet west of the centerline of the gravel 850 East Road, 1.0 foot above the road, 0.6 foot south of the north end of the culvert; a chiseled triangle.  
696.354 feet NGVD 1929

IFC&WRC TBM NPSC 6

In Morgan County, Cope Quad., in the SW  $\frac{1}{4}$  of Sec. 13, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.5 miles northeast of Cope; about 0.1 mile northwest along 340 North Road from its intersection with 360 North Road and 325 North Road to a farm lane "T"-road north, in the southeast quarter of the "T"-junction; set in the west end of a concrete headwall, 125 feet southeast of a barn type house, 26 feet east of the extended centerline of a farm lane, 7 feet south of the centerline of the gravel road, 5 feet west of a 24-inch Catalpa tree, 0.8 foot east of the west end of the headwall, 1.0 foot above the road; a chiseled triangle.  
737.253 feet NGVD 1929

IFC&WRC TBM NPSC 5, 1961

In Morgan County, Cope Quad., in the NE  $\frac{1}{4}$  of Sec. 24, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.8 miles northeast of Cope; about 0.4 mile generally southeast along 325 North Road from its intersection with 360 North Road and 340 North Road to a 90 degree bend in the road; set in the north side of a 11 inch Elm tree, 150 feet east of the bend in the road, 35 feet north of the right bank of the North Prong of Stotts Creek, 11 feet south of the centerline of the road, 2.2 feet above the road; a railroad spike driven through an aluminum tag, stamped "TBM NPSC 5 1961".  
697.098 feet NGVD 1929

IFC&WRC TBM WL 1, 1961

In Morgan County, Cope Quad., in the SW ¼ of Sec. 7, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.2 miles northwest of Cope; at the intersection of State Road 37 and 390 East Road; set in the southwest side of a 20-inch Maple tree, 52 feet northwest of the centerline of State Road 37, 23 feet east of the centerline of 390 East Road (leads to Henderson Bridge over White River), 0.3 foot above the road; a railroad spike driven through an aluminum tag stamped, "TBM WL 1 1961".

631.940 feet NGVD 1929

USGS TBM UE 629 / 3

In Morgan County, Cope Quad., in the NW ¼ of Sec. 7, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.9 miles northwest of Cope; at the 390 East Road three-span steel truss bridge (Henderson Bridge) over White River; set in the top of the concrete for the southeast steel truss support of the east steel truss of the south span of the bridge, 13 feet east of the centerline of the road, 0.5 foot below the road, 0.4 foot south of the south end of the steel truss support; a chiseled square.

629.278 feet NGVD 1929

IFC&WRC BM MOR 12, 1960

In Morgan County, Cope Quad., in the NW ¼ of Sec. 7, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.9 miles northwest of Cope; at the 390 East Road three-span steel truss bridge (Henderson Bridge) over White River; set in the top at the west end of the north bridge seat, 10 feet west of the centerline of the road, 1.2 feet below the road, 0.8 foot north of the south face of the north bridge seat; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 12 1960".

627.268 feet NGVD 1929

***DESTROYED reported by Al Dieharb 8/23/67***

USGS BM TT 33 RJH 1952

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 6, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 1.5 miles southeast of Bethany; at the "T"-road intersection of 390 East Road and 590 North Road; set in the top of a concrete post, in the northwest quarter of the junction, 38 feet west of the centerline of 390 East Road, 22 feet north of the centerline of 590 North Road, 0.2 foot above the ground; a U.S. Geological Survey bench mark tablet, stamped "TT 33 RJH 1952".

685.230 feet NGVD 1929

IFC&WRC TBM WLC 2, 1961

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 1, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.4 miles south of Bethany; 0.6 mile west along 590 North Road from its intersection with 390 East Road to the Butterfield Cemetery; set in the northeast side of a six inch Oak tree at the west edge of the cemetery, 56 feet north of the centerline of the road, 15 feet east of the centerline of an abandoned farm lane, about 3 feet above the farm lane, 0.4 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WLC 2 1961".  
671.629 feet NGVD 1929

IFC&WRC BM MOR 13, 1960

In Morgan County, Mooresville West Quad., in the NW  $\frac{1}{4}$  of Sec. 1, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.6 mile east of Centerton; at the 590 North Road three-arch concrete bridge over Whitelick Creek; set in the top at the east end of the south guardrail of the bridge, 8.5 feet south of the centerline of the road 3.4 feet above the road, 1.7 feet west of the east end of the south guardrail; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 13 1960".  
626.393 feet NGVD 1929

IFC&WRC TBM WLC 3

In Morgan County, Mooresville West Quad., in the NE  $\frac{1}{4}$  of Sec. 2, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.6 mile east of Centerton; at the 590 North Road three-arch concrete bridge over Whitelick Creek; set in the top at the west end of the south concrete handrail base, 9.0 feet south of the centerline of the road, 3.0 feet below the top of the handrail, 1.0 foot above the road, 0.45 foot west of the west face of the south handrail; a chiseled square.  
623.709 feet NGVD 1929

USGS BM TT 34 RJH 1952

In Morgan County, Mooresville West Quad., in the SE  $\frac{1}{4}$  of Sec. 35, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile east of Centerton; at the "T" road intersection of 600 North Road and 235 East Road; set in the top of a concrete post, in the northwest quarter of the junction, 70 feet west of the centerline of 235 East Road, 22 feet north of the centerline of 600 North Road, 0.1 foot above the ground; a U.S. Geological Survey bench mark tablet, stamped "TT 34 RJH 1952".  
619.699 feet NGVD 1929

IFC&WRC TBM WLC 4

In Morgan County, Mooresville West Quad., in the NE  $\frac{1}{4}$  of Sec. 35, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile northeast of Centerton; at the "T" road intersection of 235 East Road and 650 North Road and old 67 Road, at a pumping station (SOH 10); set in the top of the northeast corner of the concrete landing, 98 feet northwest of the northwest rail of the Conrail railroad tracks, 22 feet north of the northeast corner of the pumping station building, 1.0 foot above the ground, 0.5 foot south of the north face and 0.5 foot west of the east face of the landing; a chiseled triangle.

642.423 feet NGVD 1929

IFC&WRC BM MOR 14, 1960

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 25, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; at Bethany; 0.25 mile southwest along old State Road 67 from the Conrail (Pennsylvania) Railroad crossing at the kilns at the south edge of Brooklyn to a 12-foot box culvert under the road; set in the top at the south end of the west headwall of the culvert, 14 feet west of the centerline of the road, 1.5 feet above the road, 0.6 foot north of the south end of the headwall; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 14 1960".

631.410 feet NGVD 1929

IFC&WRC BM MOR 16, 1960

In Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 25, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile east of Bethany; about 0.1 mile east from the three-arch concrete bridge over Whitelick Creek at the east edge of Brooklyn to a north-south road, thence 0.6 mile generally south to a four-foot pipe culvert under the road; set in the top at the southwest end of the northwest headwall of the culvert, 15 feet northwest of the centerline of the road, 0.8 foot northeast of the southwest end of the headwall, 0.3 foot above the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 16 1960".

631.193 feet NGVD 1929

IFC&WRC BM MOR 15, 1960

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 25, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; at Brooklyn; at the three-arch concrete bridge over Whitelick Creek at the east edge of Brooklyn; set in the top of the southeast wingwall apex, 14 feet south of the centerline of the road, 1.0 foot above the road, 0.6 foot west of the east side of the wingwall, 0.6 foot south of the south face of the bridge; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 15 1960".

645.842 feet NGVD 1929

IFC&WRC TBM WLC 5, 1961

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 30, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.4 mile east of Brooklyn; about 0.25 mile west along Centenary Road from its intersection with 390 East Road to a 25-inch Sycamore tree; set in the west side of the 25-inch Sycamore tree, 190 feet south of the centerline of Centenary Road, at the northern most tree of a line of 3 trees, (trees on line with pole # 14), 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WLC 5 1961".

668.260 feet NGVD 1929

IFC&WRC TBM WLC 6, 1961

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 19, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.6 mile east of Brooklyn; 0.3 mile north along 390 East Road from its intersection with Centenary Road to a 36-inch Maple tree; set in the west side of the tree, 60 feet north of the center of a private drive to a frame house with a brick front porch, 18.3 feet east of the centerline of the gravel 390 East Road (asphalt in front of house), about 3 feet above the road, 0.7 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WLC 6 1961".

687.972 feet NGVD 1929

IFC&WRC BM MOR 17, 1960

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 19, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.6 mile northeast of Brooklyn; 0.6 mile north along 390 East Road from its intersection with Centenary Road to a 15-foot pipe arch culvert under the road; set in the top at the southwest end of the northwest headwall of the culvert, 9 feet above the road, 0.8 foot northeast of the southwest end of the headwall; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 17 1960".

642.140 feet NGVD 1929

IFC&WRC TBM WLC 8, 1961

In Morgan County, Mooresville East Quad., in the SW ¼ of Sec. 18, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.9 mile northeast of Brooklyn; about 0.75 mile east along 900 North Road from its "T" road intersection with old State Road 67 (Church Street) to the right bank of Whitelick Creek and a power pole with a transformer on top; set in the south side of the pole, 45 feet west of the right bank of Whitelick Creek, 17 feet north of the centerline of 900 North Road, 1.4 feet above the ground, about 1.5 feet below a railroad spike driven flush with the side of the pole painted white and marked UE 640.4; a railroad spike driven through an aluminum tag, stamped "TBM WLC 8 1961".

639.017 feet NGVD 1929

IFC&WRC TBM WLC 9

In Morgan County, Mooresville East Quad., in the SE ¼ of Sec. 13, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.6 mile north of Brooklyn; about 0.25 mile east along 900 North Road from its "T" road intersection with old State Road 67 (Church Street) to a 1.5 foot concrete "T"-fence corner post on the north side of the road; set in the top of the concrete "T"-fence corner post, 0.12 mile west of a private farm drive north, 26 feet west of a power pole, 16 feet north of the centerline of the road, 4.7 feet above the ground; a chiseled triangle.

670.779 feet NGVD 1929

USGS BM 30 COM 1952

In Morgan County, Mooresville East Quad., in the SE ¼ of Sec. 13, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.6 mile north of Brooklyn; at the "T" road intersection of 900 North Road and old State Road 67 (Church Street); set in the top of a concrete post, in the northwest quarter of the junction, 30 feet north of the extended centerline of 900 North Road, 17 feet west of the centerline of old State Road 67 (Church Street), 2.2 feet south of a power pole # 88 BA 36, 1.8 feet east of a fence line, about 1.0 foot below the road, 0.2 foot above the ground; a U.S. Geological Survey bench mark tablet, stamped "30 COM 1952 685".

684.663 feet NGVD 1929

IFC&WRC TBM WLC 10

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 13, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; at Brookmoor; 0.65 mile north along old State Road 67 (Church Street) from its intersection with 900 North Road to a 3-foot culvert; set in the top at the south end of the west headwall of the culvert, 20 feet east of the east rail of the Conrail (Pennsylvania) Railroad track, 13 feet west of the centerline of old State Road 67 (Church Street), 1.5 feet above the ground, 0.8 foot above the road, 0.6 foot north of the south end of the west headwall; a chiseled triangle.

679.637 feet NGVD 1929

IFC&WRC TBM WLC 11, 1961

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 13, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.4 mile northeast of Brookmoor; 0.45 mile east along 1000 North Road from its "T" road intersection with State Road 67 to a large red brick house on the south side of the road; set in the southwest side of a 12-inch Berry tree, 14 feet east of the centerline of the drive to the red brick house, 2.5 feet above the road, on an east-west fence line; a railroad spike driven through an aluminum tag, stamped "TBM WLC 11 1961".  
689.944 feet NGVD 1929

IFC&WRC TBM WLC 12, 1961

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 13, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.6 mile northeast of Brookmoor; 0.67 mile east along 1000 North Road from its "T" road intersection with State Road 67 a red brick house and then a dirt lane leading towards Whitelick Creek, at a drain about 0.17 mile east of the red brick house and about 0.15 mile west of Whitelick Creek; set in the southeast side of a 16-inch Maple tree, 10.5 feet north of the centerline of the dirt lane, 0.5 foot above ground; a railroad spike driven through an aluminum tag, stamped "TBM WLC 12 1961".  
643.528 feet NGVD 1929

IFC&WRC BM MOR 18, 1960

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 18, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.8 mile northeast of Brookmoor; about 0.3 mile west along 1000 North Road from its "T" road intersection with 400 East Road to a 4-foot pipe culvert under the road; set in the top at the east end of the south headwall of the culvert, 220 feet west of the extended centerline of a "T"-road south 13.5 feet south of the centerline of 1000 North Road, 3.6 feet west of the east end of the headwall, level with the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 18 1960".  
666.361 feet NGVD 1929

IFC&WRC TBM WLC 13

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 12, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.3 mile north of Brookmoor; about 0.2 mile northwest along State Road 67 from its "T" road intersection with 1000 North Road to a two-foot pipe culvert (# 68); set in the top of the northeast headwall of the culvert, 31 feet northeast of the centerline of the highway, 25 feet south of pole # 110, 5 feet below the highway; a chiseled triangle.  
696.286 feet NGVD 1929

USGS BM TT 38 RJH 1952

In Morgan County, Mooresville West Quad., in the NW  $\frac{1}{4}$  of Sec. 12, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.1 mile north of Sundown Manor; at the "T"-road intersection of State Road 67 and 1100 North Road; set in the top of a concrete post, 45 feet east of the centerline of the highway, 10 feet south of the extended centerline of 1100 North Road, 10 feet south of pole # 72, about 4 feet above the ground; a U.S. Geological Survey bench mark tablet, stamped "TT 38 RJH 1952 683".

683.250 feet NGVD 1929

IFC&WRC TBM WLC 14

In Morgan County, Mooresville West Quad., in the NW  $\frac{1}{4}$  of Sec. 12, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.1 mile north of Sundown Manor; at the "T"-road intersection of State Road 67 and 1100 North Road; set in the top of the south headwall of a 18-inch pipe culvert # 78 under a farm field road leading east, 24.5 feet east of the centerline of State Road 67, 18.5 feet north of the extended centerline of 1100 North Road, 0.9 foot east of the west end of the headwall, 0.8 foot below the road; a chiseled triangle.

679.681 feet NGVD 1929

IFC&WRC TBM WLC 16

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 1, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.2 mile south of Mooresville; at the Conrail (Pennsylvania) Railroad one-span steel truss with wooden trestle approach spans over the Whitelick Creek; set in the top at the west side of the south pier and bridge seat, 7 feet west of the west rail of the track, 7 feet east of the west end of the pier, 5.7 feet below the track, 1.0 foot south of the south end of the west steel truss of the bridge; a chiseled triangle.

661.342 feet NGVD 1929

DNR TBM CON 1, 1998

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 1, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.2 mile south of Mooresville; at the Conrail (Pennsylvania) Railroad bridge over Whitelick Creek; set in the southeast corner of the southwest concrete wingwall of the bridge; a chiseled square.

667.752 feet NGVD 1929

3<sup>rd</sup> Order

IFC&WRC TBM WLC 17

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 36, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; 0.1 mile north along the Conrail (Pennsylvania) Railroad from its crossing of State Road 67 at the southeast edge of Mooresville, at the railroad crossing of East South Street; set in the top of a concrete wall around 3 gasoline storage tanks of Socony Mobil Oil Company, Inc., 25 feet west of the west rail of the track, 10.8 feet north of the south end of the east concrete wall, 6.5 feet above the track, 0.4 foot west of the east face of the wall; a chiseled triangle.

689.817 feet NGVD 1929

ISHC BM MOR G 6

In Morgan County, Mooresville West Quad., in the NW  $\frac{1}{4}$  of Sec. 1, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the State Road 67 double bridges over the Whitelick Creek; set in the top of the south end of the west sidewalk of the west bridge over Whitelick Creek, 17 feet west of the centerline of the south-bound traffic bridge, 12 feet north of the south end of the west concrete guardrail, 0.8 foot above the road; a Indiana State Highway Commission bench mark tablet, stamped "MOR G 6".

673.846 feet NGVD 1929

IFC&WRC TBM WLC 15

In Morgan County, Mooresville West Quad., in the NW  $\frac{1}{4}$  of Sec. 1, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the State Road 67 double bridges over the Whitelick Creek; set in the top at the north end of the east sidewalk of the west bridge over Whitelick Creek, 17.5 feet east of the centerline of the south-bound traffic bridge, 0.8 foot above the road, 0.6 foot south of the north end of the east sidewalk; a chiseled triangle.

670.490 feet NGVD 1929

USGS RM 2

In Morgan County, Mooresville West Quad., in the SE  $\frac{1}{4}$  of Sec. 35, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the State Road 42 two-span steel truss bridge over Whitelick Creek; set in the top of an "L" shaped concrete truss guard, in the west corner of the bridge, 9.7 feet northwest of the centerline of State Road 42, 3.0 feet southwest of the northeast face of the southwest bridge seat, 0.8 foot northwest of the northwest steel truss, about level with the bridge floor; a U.S. Geological Survey bronze Gaging Station tablet, not stamped.

674.647 feet NGVD 1929

***DESTROYED...USGS...10/9/92***

USGS RM 1

In Morgan County, Mooresville West Quad., in the SE ¼ of Sec. 35, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the State Road 42 two-span steel truss bridge over Whitelick Creek; set in the top of an abandoned wingwall, 58 feet northwest of the centerline of State Road 42, about 52 feet northwest of the west corner of the bridge, 5.6 feet above the ground at the south end of the abandoned wingwall, about 4 feet below the level of State Road 42, 1.4 feet west of the east face and 0.9 foot north of the south face of the wingwall; a U.S. Geological Survey bronze Gaging Station tablet, not stamped.

670.465 feet NGVD 1929

***DESTROYED...USGS...10/9/92***

IFC&WRC TBM WLC 18

In Morgan County, Mooresville West Quad., in the NW ¼ of Sec. 36, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the intersection of Indiana Street and Harrison Street; set in the top of the concrete curbing, in the northwest quarter of the intersection, 28.5 feet west of the centerline of Indiana Street, 25.3 feet north of the centerline of Harrison Street, 0.5 foot above the road; a chiseled triangle.

706.430 feet NGVD 1929

USC&GS BM T 61, 1946

In Morgan County, Mooresville West Quad., in the NW ¼ of Sec. 36, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the Municipal Building at the intersection of Indiana Street and Main Street; set vertically in the east face of the brick wall, in the center of the building, mid-way between two doors, 240 feet south of the centerline of Main Street, 40.6 feet west of the centerline of Indiana Street, 23.3 feet north of the south face of the Municipal Building, 4.5 feet above the sidewalk, about 3.2 feet above the top step; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "T 61 1946".

718.775 feet NGVD 1929

IFC&WRC BM MOR 19, 1960

In Morgan County, Mooresville West Quad., in the NE ¼ of Sec. 35, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the Main Street (1300 North Road) concrete bridge over Whitelick Creek, in the northeast corner of the bridge; set in the top of the east bridge seat, 14.3 feet north of the centerline of Main Street (1300 North Road), 4.8 feet below the north sidewalk of the bridge, 0.8 foot west of the west face of the abutment; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 19 1960".

671.327 feet NGVD 1929

USC&GS BM R 61, 1946

In Morgan County, Mooresville West Quad., in the NE ¼ of Sec. 35, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the Mooresville High School, at the High School Gymnasium; set vertically in the east face of the brick wall, 84 feet west of the west edge of State Road 267, 20.2 feet west of the west curb of the driveway of the east side of the gymnasium, 7 feet north of the north edge of the east entrance, 4.7 feet above the ground; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "R 61 1946".

721.773 feet NGVD 1929

IFC&WRC TBM WLC 19

In Morgan County, Mooresville West Quad., in the SE ¼ of Sec. 26, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; about 0.68 mile northwest along State Road 267 from the Post Office at Mooresville to a 15-inch pipe culvert under State Road 267; set in the top of the east headwall of the culvert, 146 feet north of the centerline of a private drive leading to the James Grigsby residence, 66.5 feet east of power pole # P-30, 30 feet east of the centerline of State Road 267, 3.0 feet north of the south end of the headwall, 1.0 foot below the road; a chiseled triangle.

679.660 feet NGVD 1929

USC&GS BM Q 61, 1946

In Morgan County, Mooresville West Quad., in the NE ¼ of Sec. 26, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; 1.06 miles north along State Road 267 from the Post Office at Mooresville to a 11-foot concrete bridge under the highway, 0.45 mile south of the Hendricks-Morgan County Line; set in the to at the west end of the southeast wingwall of the bridge, 120 feet southwest of the southwest corner of a frame house with a brick porch, 24 feet east of the centerline of the highway, 0.6 foot east of the east face and 0.5 foot below the road; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "Q 61 1946".

680.753 feet NGVD 1929

IFC&WRC BM MOR 20, 1960

In Morgan County, Plainfield Quad., in the NE  $\frac{1}{4}$  of Sec. 26, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile northwest of Mooresville; at the Hendricks – Morgan County Line Road one-span steel truss bridge over Whitelick Creek, in the southeast corner of the bridge; set in the top of the east abutment, 9.0 feet south of the centerline of the road, 0.8 foot east of the west face of the abutment, even with the south edge of the south steel truss, about level with the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 20 1960".

DESTROYED see DNR BM MOR 20 1990

684.981 feet NGVD 1929

IFC&WRC BM MOR 21, 1962

In Morgan County, Gosport Quad., in the NW  $\frac{1}{4}$  of Sec. 27, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; about 1.8 miles northeast of Gosport; about 0.2 mile northeast along a paved road from the Owen – Morgan County Line, also 1.8 miles generally southwest along the paved road from the crossing with State Road 67 at Whitaker; set in the top of a concrete post, 80.0 feet northeast of the centerline of a farm lane north, 80.0 feet southwest of a power pole anchor post, 15.0 feet northwest of the centerline of the northeast-southwest paved road, 1.5 feet southeast of a fence line, 0.2 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze control station tablet stamped, "MOR 21 1962".

564.789 feet NGVD 1929

IFC&WRC TBM WHR 182

In Morgan County, Modesto Quad., in the SE  $\frac{1}{4}$  of Sec. 22, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; 3.1 miles west of the Paragon bridge over the White River and about 0.75 mile southwest of Whitaker; 0.9 mile generally southwest along a paved road from its intersection with State Road 67 at Whitaker to a north-south gravel road, thence 0.07 mile north along the gravel road to an 8-foot concrete box culvert; set in the top of the east headwall, 11.0 feet east of the centerline of the road, 1.3 feet above the ground, 0.7 foot north of the south end of the east headwall, 0.5 foot east of the west edge of the east headwall; a chiseled triangle.

567.704 feet NGVD 1929

IFC&WRC BM MOR 22, 1962

In Morgan County, Modesto Quad., in the SW  $\frac{1}{4}$  of Sec. 23, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; 2.8 miles west of the Paragon bridge over the White River and about 0.5 mile southwest of Whitaker; 0.6 mile generally southwest along a paved road from its crossing with State Road 67 at Whitaker to a 45-foot concrete bridge over Butler Creek; set in the top at the west end of the southwest concrete abutment, 13.5 feet south of the centerline of the bridge, 0.7 foot above the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 22 1962".

572.436 feet NGVD 1929

USC&GS BM L 13, 1930

In Morgan County, Paragon Quad., in the NW  $\frac{1}{4}$  of Sec. 23, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; at Whitaker; 0.1 mile generally northeast along the Conrail (Pennsylvania) Railroad from its crossing with a paved road at Whitaker; set in the top of a concrete post, 48.0 feet east of mile post # 41, 10.7 feet south of the south rail, 1.0 foot below the rails, level with the ground; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "L 13 1930".

571.705 feet NGVD 1929

IFC&WRC TBM WHR 183

In Morgan County, Paragon Quad., in the NW  $\frac{1}{4}$  of Sec. 24, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; about 0.75 mile northeast of Whitaker; 0.8 mile northeast along State Road 67 from its junction with a dirt road at Whitaker to its intersection with a north-south dirt road; set in the top of a three-foot concrete headwall of a one-foot pipe culvert under the dirt road, 49.0 feet north-northwest of the centerline of State Road 67, 13.0 feet below the highway, 0.4 foot southwest of the northeast edge of the headwall, 0.3 foot south-southeast of the north-northwest edge of the headwall; a chiseled triangle.

570.890 feet NGVD 1929

USGS TBM

In Morgan County, Paragon Quad., in the SW  $\frac{1}{4}$  of Sec. 13, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; about 1.0 mile northeast of Whitaker; 1.1 miles generally northeast along State Road 67 from the crossroad at Whitaker to a 5-foot box culvert under the highway; set in the top near the center of the south headwall, 29.0 feet south of the centerline of State Road 67, 3.8 feet southwest of the northeast end of the south headwall, 3.5 feet below the highway; a chiseled square.

571.847 feet NGVD 1929

IFC&WRC BM MOR 23, 1962

In Morgan County, Paragon Quad., in the SW  $\frac{1}{4}$  of Sec. 13, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; about 1.3 miles northeast of Whitaker; at the State Road 67 forty-five foot concrete bridge over Fall Creek; set in the top at the west end of the southwest abutment, 21.5 feet south of the center line of State Road 67, 0.6 foot east of the west face of the southwest abutment, 0.5 foot above the highway; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 23 1962".

578.286 feet NGVD 1929

IFC&WRC TBM WHR 184, 1962

In Morgan County, Modesto Quad., in the SE  $\frac{1}{4}$  of Sec. 24, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; about 1.4 miles southeast of Whitaker, and 1.2 miles west of the Paragon bridge over the White River; 1.4 miles generally northeast along State Road 67 from the crossroad at Whitaker to a private dirt road south adjacent to Fall Creek, thence 0.9 mile south along the dirt road to a 60-inch Oak tree; set in the southwest side of the tree, 27.0 feet northeast of the road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 184 1962".

570.072 feet NGVD 1929

IFC&WRC BM MOR 24, 1962

In Morgan County, Modesto Quad., in the SE  $\frac{1}{4}$  of Sec. 24, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; about 1.4 miles southeast of Whitaker, and 1.2 miles west of the Paragon bridge over the White River; 1.4 miles generally northeast along State Road 67 from the crossroad at Whitaker to a private dirt road south adjacent to Fall Creek, thence 1.0 mile south along the farm lane to its end; set in the top of a concrete post, 37.0 feet southeast of the southeast corner of an old barn, 31.0 feet northeast of the extended centerline of a bend in the road, 15.0 feet southeast of the centerline of the farm lane, 9.0 feet southeast of a triple-trunk tree, 0.3 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze control station tablet stamped, "MOR 24 1962".

570.431 feet NGVD 1929

USGS TBM 72 / L 7

In Morgan County, Paragon Quad., in the SE  $\frac{1}{4}$  of Sec. 13, T. 11 N., R. 2 W., 2<sup>nd</sup> PM; about 0.5 mile southwest of Paragon; 0.6 mile southwest along State Road 67 from Paragon to a 21-foot single arch concrete bridge; set in the top of the southwest wingwall, 30.0 feet east-northeast of the centerline of a private dirt road crossing State Road 67, 22.0 feet south-southeast of the south-southeast concrete guardrail, 0.6 foot east-northeast of the west-southwest edge of the wingwall, 0.5 foot below the road; a chiseled square.

576.421 feet NGVD 1929

IFC&WRC BM MOR 25, 1962

In Morgan County, Modesto Quad., in the SW  $\frac{1}{4}$  of Sec. 30, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 2.5 miles south of Paragon, and about 1.0 mile southwest of the Paragon bridge over the White River; about 1.0 mile southwest along Bear Hollow Road from its "T" road intersection with 400 South Road to a private "T"-road west; set in the top of a concrete post, 13.0 feet east of the centerline of the gravel road, 8.0 feet south of the extended centerline of the "T"-road west, 2.0 feet west of a fence line, 0.1 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 25 1962".

576.082 feet NGVD 1929

IFC&WRC TBM WHR 186, 1962

In Morgan County, Modesto Quad., in the NW  $\frac{1}{4}$  of Sec. 30, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 2.5 miles south of Paragon, and about 0.9 mile southwest of the Paragon bridge over the White River; about 0.9 mile southwest along Bear Hollow Road from its "T" road intersection with 400 South Road to a 36-inch tree, about 0.75 mile generally southwest of the Bear Hollow Road 40-foot bridge over Bryant Creek; set in the south side of the tree, 200 feet west-northwest of the centerline of a driveway to a house, 80.0 feet east-northeast of a small wooden floor bridge over a small stream, 24.0 feet north of the centerline of the road, 1.5 feet below the road, 0.7 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 186 1962".

577.924 feet NGVD 1929

USC&GS BM M 13, 1930

In Morgan County, Paragon Quad., in the NE  $\frac{1}{4}$  of Sec. 18, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; at Paragon; 0.1 mile northeast along the Pennsylvania Railroad from its crossing with South Union Street at Paragon; set in the top of a concrete post, 69.0 feet west of the centerline of the road crossing the tracks, 25.5 feet southwest of the southeast corner of a white house, 9.7 feet north of the north rail of the main track, 0.1 foot above the ground; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "580.064 M 13 1930".  
580.064 feet NGVD 1929

IFC&WRC BM MOR 27, 1962

In Morgan County, Paragon Quad., in the NE  $\frac{1}{4}$  of Sec. 19, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 0.6 mile south of Paragon, 0.8 mile generally south along 725 West Road (Union Street) from its junction with State Road 67 at Paragon to the 300 South Road 25-foot concrete arch bridge over a small creek; set in the top at the west end of the south concrete headwall, 7.0 feet south of the center line of the road, 3.3 feet east of the west end of the south headwall, 3.0 feet above the road; a Indiana Flood Control and Water Commission control station tablet stamped, "MOR 27 1962".  
577.797 feet NGVD 1929

USGS& TBM 72 / L 8

In Morgan County, Paragon Quad., in the NE  $\frac{1}{4}$  of Sec. 19, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 0.6 mile south of Paragon; 1.0 mile generally south along 725 West Road (Union Street) from its junction with State Road 67 at Paragon to a 48-foot steel bridge over a small stream; set in the top at the north end of the northwest bridge seat, 6.5 feet west of the centerline of the road, 1.6 feet below the road, 0.6 foot north of the south face of the northwest bridge seat; a chiseled square.  
572.434 feet NGVD 1929

USGS RM

In Morgan County, Modesto Quad., in the SW  $\frac{1}{4}$  of Sec. 20, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 1.6 miles south of Paragon; at the 2-span steel truss Paragon bridge over the West Fork White River; set in the top of the southeast wingwall, 15.0 feet east of the centerline of the road, 6.5 feet southeast of the south end of the east truss, 2.3 feet above the road; a painted arrow and square.  
589.157 feet NGVD 1929

USGS BM TT 16 TDA 1945

In Morgan County, Modesto Quad., in the SW  $\frac{1}{4}$  of Sec. 20, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 1.5 miles south of Paragon; at the 2-span steel truss Paragon bridge over the West Fork White River; set in the top of the northeast wingwall, 11.5 feet northeast of the centerline of the road, 2.3 feet above the road, 1.5 feet northeast of the southwest end of the wingwall; a U.S. Geological Survey bronze disk, stamped "TT 16 TDA 589 FT. 1945".  
589.096 feet NGVD 1929

IFC&WRC BM MOR 26, 1962

In Morgan County, Modesto Quad., in the NE  $\frac{1}{4}$  of Sec. 30, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 1.7 miles south of Paragon, and about 0.3 mile south of the Paragon Bridge over the White River; at the Bear Hollow Road 40-foot concrete and steel bridge over Bryant Creek; set in the top at the north end of the northwest wingwall, 10.5 feet west of the centerline of the road, 2.5 feet below the road, 2.3 feet northwest of the southeast end of the northwest bridge seat; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 26 1962".  
569.006 feet NGVD 1929

IFC&WRC TBM WHR 185

In Morgan County, Paragon Quad., in the NW  $\frac{1}{4}$  of Sec. 20, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 1.3 miles south of Paragon; 1.5 miles generally south along 725 West Road (Union Street) from its junction with State Road 67 at Paragon to a 25-foot single arch concrete bridge; set in the top of the east concrete guardrail, 9.0 feet east of the centerline of the road, 3.0 feet above the ground, 0.9 foot north of the south end of the east concrete guardrail, 0.6 foot east of the west edge of the guardrail; a chiseled triangle.  
577.345 feet NGVD 1929

USGS TBM 72 / L 7

In Morgan County, Paragon Quad., in the NE  $\frac{1}{4}$  of Sec. 17, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 0.4 mile northeast of Paragon; 0.9 mile generally northeast along State Road 67 from the crossroad at Paragon to a 3-foot concrete box culvert under the highway; set in the top near the center of the southeast headwall, 75 feet northeast of the centerline of a farm lane leading south, 25 feet northwest of power pole # 1716, 25 feet southeast of the centerline of State Road 67, 1 foot below the highway; a chiseled square.  
586.600 feet NGVD 1929

USGS BM TT 40, 1952

In Morgan County, Paragon Quad., in the SW  $\frac{1}{4}$  of Sec. 9, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 1.2 miles northeast of Paragon; 1.6 miles generally northeast along State Road 67 from the crossroad at Paragon to a north-south crossroad; set in the top of a concrete post in the northwest  $\frac{1}{4}$  of the intersection, 56 feet north of the centerline of State Road 67, 54 feet southwest of the north-south road, 4 feet northeast of a fence corner post, 3 feet below the highway, 0.1 foot above the ground; a U.S. Geological Survey bronze disk, stamped "TT 40 RJH 1952".

588.526 feet NGVD 1929

IFC&WRC TBM WHR 187

In Morgan County, Paragon Quad., in the SE  $\frac{1}{4}$  of Sec. 9, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 1.7 miles northeast of Paragon; 2.0 miles generally northeast along State Road 67 from the crossroad at Paragon to a 40-foot concrete bridge; set in the top of the southwest wingwall, 470 feet east-northeast of the State Road 67 bridge over Burkhart Creek, 22.0 feet south of the centerline of State Road 67, 0.7 foot south of the north edge of the wingwall, about level with the road; a chiseled triangle".

595.171 feet NGVD 1929

USC&GS BM N 13, 1930

In Morgan County, Paragon Quad., in the NE  $\frac{1}{4}$  of Sec. 10, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 2.5 miles northeast of Paragon; 2.9 miles generally northeast along State Road 67 from the crossroad at Paragon to a north-south crossroad; set in the top of the top of a concrete post, at the southeast  $\frac{1}{4}$  of the intersection, 96 feet south of the centerline of State Road 67, 50 feet east of the centerline of the north-south road, 24 feet south of the south rail of the Conrail (Pennsylvania) Railroad track, 1.5 feet north of a fence line, 0.2 foot above the ground; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "539.427 N 13 1930".

539.427 feet NGVD 1929

IFC&WRC TBM WHR 188

In Morgan County, Paragon Quad., in the NE  $\frac{1}{4}$  of Sec. 10, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; at Browns Crossing; at the intersection of State Road 67 and 400 West Road; at a 6-foot box culvert at the dirt road crossing; set in the top of the south headwall, 57 feet south of the centerline of State Road 67, 0.7 foot below State Road 67, 0.7 foot south of the north end of the headwall, 0.6 foot east of the west edge; a chiseled triangle.  
597.359 feet NGVD 1929

USC&GS BM J 65, 1946

In Morgan County, Martinsville Quad., in the SE  $\frac{1}{4}$  of Sec. 2, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 3.0 miles west of Martinsville; about 0.6 mile generally southwest along State Road 67 from its intersection with 300 West Road to a "T"-road south; set in the top of a concrete post, 71.0 feet southeast of the centerline of State Road 67, 29.0 feet southwest of the centerline of the "T"-road south, 16.5 feet northwest of the northwest rail of the Conrail (Pennsylvania) Railroad, 8.0 feet southwest of a power pole, 0.3 foot above the ground; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "J 65 1946".  
600.931 feet NGVD 1929

USC&GS BM H 65, 1946

In Morgan County, Martinsville Quad., in the SW  $\frac{1}{4}$  of Sec. 1, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 2.5 miles west of Martinsville; at the intersection of State Road 67 and 300 West Road; set in the top at the northeast end of the southeast headwall of a culvert, 47.0 feet southeast of the centerline of State Road 67, 29.0 feet northeast of the centerline of 300 West Road, 15.0 feet northwest of the northwest rail of the Conrail (Pennsylvania) Railroad, 1.5 feet below the tracks, level with the highway; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "H 65 1946".  
600.448 feet NGVD 1929

IFC&WRC TBM WHR 189

In Morgan County, Martinsville Quad., in the NW  $\frac{1}{4}$  of Sec. 1, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 2.0 miles west of Martinsville; at the State Road 67 120-foot single-span steel truss bridge over Lambs Creek; set in the top of the southwest wingwall, 17.0 feet southeast of the centerline of State Road 67, 3.2 feet southeast of the concrete headwall, 0.6 foot northeast of the southwest edge of the wingwall, 0.5 foot above the road; a chiseled triangle.  
603.310 feet NGVD 1929

USC&GS BM P 13, 1930

In Morgan County, Martinsville Quad., in the NW  $\frac{1}{4}$  of Sec. 6, T. 11 N., R. 1 E., 2<sup>nd</sup> PM; about 1.5 miles west of Martinsville; at the Conrail (Pennsylvania) Railroad three-span steel truss bridge over the White River; set in the top at the north end of the northwest stone abutment, 4.5 feet north of the north rail of the track, 2.7 feet south of the south end of the top stone abutment, 1.0 foot below the rails; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "599.831 P 13 1930".

599.831 feet NGVD 1929

IFC&WRC TBM WHR 190

In Morgan County, Martinsville Quad., in the SE  $\frac{1}{4}$  of Sec. 31, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.2 miles west of Martinsville; 0.5 mile generally southwest along State Road 67 from its intersection with State Road 39 west of Martinsville to a paved "T"-road northwest; set in the top of the concrete headwall of a 4-foot box culvert under State Road 67, 185 feet northeast of the centerline of State Road 67, 1.2 feet below the highway, 0.6 foot northeast of the southwest edge of the headwall; a chiseled triangle.

598.291 feet NGVD 1929

IFC&WRC TBM WHR 191

In Morgan County, Martinsville Quad., in the SW  $\frac{1}{4}$  of Sec. 33, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; at Martinsville; 0.4 mile west along Morgan Street from its intersection with Main Street to its intersection with Shirley Street; set in the top of the concrete curbing, 75.0 feet east of the centerline of Shirley Street, 42.0 feet east of a fire hydrant, 15.0 feet north of the centerline of Morgan Street, 10.0 feet south of the centerline of the north sidewalk of Morgan Street, 0.5 foot above the street, 0.2 foot north of the south edge of the curb; a chiseled triangle.

596.183 feet NGVD 1929

USC&GS BM S 13, 1930

In Morgan County, Martinsville Quad., in the NE  $\frac{1}{4}$  of Sec. 4, T. 11 N., R. 1 E., 2<sup>nd</sup> PM; at Martinsville; at the City Hall building, at the Jefferson Street entrance to the building; set in the top at the north end of the concrete steps, 1.1 feet south of the north edge of the step, 0.8 foot east of the west edge of the step, 0.4 foot west of the north stone pillar; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "606.747 S 13 1930".

606.747 feet NGVD 1929

IFC&WRC TBM WHR 192

In Morgan County, Martinsville Quad., in the NE  $\frac{1}{4}$  of Sec. 33, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.2 mile north of Martinsville; 0.85 mile north along Main Street (Blue Bluff Road) from the Morgan County Courthouse at Martinsville to a 4-foot box culvert under the road; set in the top of the west concrete headwall of the culvert, 120 feet south of a dirt road leading west to the rear of a factory (Adams Clay Products), 11.0 feet west of the centerline of the road, 2.8 feet north of the south edge of the headwall, 1.8 feet above the ground, 0.7 foot west of the east edge of the headwall; a chiseled triangle.

612.032 feet NGVD 1929

IFC&WRC BM MOR 28, 1962

In Morgan County, Martinsville Quad., in the SW  $\frac{1}{4}$  of Sec. 28, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.6 mile north of Martinsville; 1.3 miles north along Main Street (Blue Bluff Road) from the Morgan County Courthouse to a twelve-foot concrete bridge over a small stream; set in the top at the south end of the west concrete guardrail, 9.5 feet west of the centerline of the road, 2.0 feet above the road, 2.0 feet north of the south end of the west guardrail; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 28 1962".

616.903 feet NGVD 1929

USGS TBM 61

In Morgan County, Martinsville Quad., in the SW  $\frac{1}{4}$  of Sec. 28, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.6 mile north of Martinsville; 1.3 miles north along Main Street (Blue Bluff Road) from the Morgan County Courthouse to a twelve-foot concrete bridge over a small stream; set in the top at the north end of the east concrete headwall, 9.5 feet east of the centerline of the road, 2.0 feet above the road, 0.3 foot south of the north end of the east headwall; a chiseled square.

616.765 feet NGVD 1929

IFC&WRC TBM WHR 193

In Morgan County, Martinsville Quad., in the NE  $\frac{1}{4}$  of Sec. 28, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.2 miles north of Martinsville; 2.0 miles generally north along Main Street (Blue Bluff Road) from the Morgan County Courthouse at Martinsville to a 5-foot box culvert under the road; set in the top of the north-northwest concrete guardrail, 115 feet east-northeast of a concrete walk to a house, 10.0 feet north-northwest of the centerline of the paved road, 2.0 feet above the road, 1.7 feet west-southwest of the east-northeast end of the guardrail, 0.9 foot south-southeast of the north-northwest end of the guardrail; a chiseled triangle.

625.847 feet NGVD 1929

#### USGS TBM 63

In Morgan County, Martinsville Quad., in the SW  $\frac{1}{4}$  of Sec. 21, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.7 miles north of Martinsville; 2.4 miles generally north along Main Street (Blue Bluff Road ) from the Morgan County Courthouse at Martinsville to a "T"-lane west, thence 0.15 mile west along the farm lane to the Conrail (Pennsylvania) Railroad, thence 250 feet north along the tracks to a 24-foot trestle bridge (# 28 / 56); set in the top at the north end of the north abutment, 5.3 feet west of the west rail of the tracks, 1.5 feet below the rails, 0.4 foot east of the west end of the abutment, 0.2 foot south of the north face of the abutment; a chiseled square.

604.475 feet NGVD 1929

#### IFC&WRC BM MOR 29, 1962

In Morgan County, Martinsville Quad., in the SE  $\frac{1}{4}$  of Sec. 21, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.9 miles north of Martinsville; 2.6 miles generally north along Main Street (Blue Bluff Road) from the Morgan County Courthouse at Martinsville to a 15-foot concrete bridge over a small stream; set in the top at the south end of the west concrete guardrail, 9.5 feet west of the centerline of the road, 3.2 feet above the road, 2.4 feet north of the south end of the west guardrail; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 29 1962".

614.115 feet NGVD 1929

#### USED BM TT 122

In Morgan County, Martinsville Quad., in the NE  $\frac{1}{4}$  of Sec. 21, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 2.3 miles north of Martinsville; 2.9 miles generally north along the Conrail (Penn Central) Railroad from its crossing with Morgan Street (old State Road 37) at Martinsville to a farm lane and a gravel pit road west, thence 2300 feet north along the tracks to an east-west farm lane crossing, 23.0 feet west of the west rail of the track, 16.0 feet south of the centerline of the farm lane, 4.0 feet below the rails, 0.4 foot above the ground; a United States Corps of Engineers iron pipe and cap, stamped "136 TT 122".

602.360 feet NGVD 1929

IFC&WRC TBM WHR 194

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 16, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.1 miles north of Martinsville; 3.7 miles generally north along the Conrail (Penn Central) Railroad from its crossing with Morgan Street (old State Road 37) at Martinsville to a clump of 3 large trees east of the tracks; set in the southwest side of a 15-inch tree, 35.0 feet west-southwest of the west-southwest edge of a row of steel pilings, 18.0 feet west of the centerline of a gravel road, 12.0 feet east of the east rail of the tracks, 1.0 foot above the ground, 0.6 foot below the rails; a railroad spike driven through an aluminum tag, stamped "TBM WHR 194".

611.283 feet NGVD 1929

IFC&WRC BM MOR 30, 1962

In Morgan County, Martinsville Quad., in the SW ¼ of Sec. 9, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.2 miles north of Martinsville; at the Conrail (Penn Central) Railroad two-span steel truss bridge over the White River, thence 0.3 mile southwest along the north bank of the river to a concrete dam; set in the top of the northwest of the southeast edge of the northwest wing, 2.2 feet southeast of the northwest edge of the wing, 1.8 feet above the floor of the dam; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 30 1962".

593.761 feet NGVD 1929

IFC&WRC BM MOR 31, 1962

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 9, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.2 miles north of Martinsville; at the Conrail (Penn Central) Railroad two-span steel truss bridge over the White River and a wooden trestle overflow bridge over the White River; set in the top at the south end of the east pier, 150 feet north of the south end of the overflow section, 7.0 feet east of the east rail of the tracks, 4.8 feet below the rails, 1.8 feet south of the south end of the steel truss plate; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 31 1962".

611.161 feet NGVD 1929

IFC&WRC TBM WHR 195

In Morgan County, Martinsville Quad., in the SW ¼ of Sec. 10, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.2 miles north of Martinsville; about 0.6 mile north along Blue Bluff Road from its "T" road intersection with Maple Turn Road to a fourteen-foot concrete bridge over a small stream, 0.1 mile northeast of the main entrance to Indianapolis Power and Light Company Power Plant; set in the top at the southwest end of the southeast headwall, 13.0 feet southeast of the centerline of the road, 2.0 feet above the road, 0.4 foot southeast of the northwest edge of the southeast headwall, 0.3 foot northeast of the southwest edge of the southeast headwall; a chiseled triangle.

611.357 feet NGVD 1929

IFC&WRC TBM WHR 196, 1962

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 10, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 4.0 miles north of Martinsville; about 1.4 mile generally north and east along Blue Bluff Road from its "T" road intersection with Maple Turn Road to power pole # 233/765; set in the south side of the power pole, 275 feet east of a drive to a home on the hillside, 15.0 feet north of the centerline of the paved road, 1.0 foot above the road; a railroad spike driven through an aluminum tag, stamped "TBM WHR 196 1962".

636.627 feet NGVD 1929

IFC&WRC TBM WHR 197

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 10, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 4.1 miles north of Martinsville; at the Blue Bluff Road two-span steel truss bridge over the White River; set in the top of a metal pier at the southwest edge of the bridge, 13.0 feet north of the south edge of the west metal guardrail, 9.0 feet west of the centerline of the bridge, 1.5 feet below the road; a filed cross.

620.308 feet NGVD 1929

IFC&WRC BM MOR 32, 1962

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 10, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 4.1 miles north of Martinsville; at the Blue Bluff Road two-span steel truss bridge over the White River; set in the top of the northwest wingwall, 11.0 feet west of the centerline of the bridge, 1.5 feet southwest of the northeast edge of the northwest wingwall, 0.5 foot below the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 32 1962".

620.397 feet NGVD 1929

#### USGS RM

In Morgan County, Mooresville West Quad., in the SE ¼ of Sec. 3, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.0 mile southwest of Centerton; 150 feet west along 550 North Road from its "T" road intersection with 150 East Road to a "T"-road southwest (levee road), thence 0.5 mile southwest along the levee road to a destroyed bridge over the White River; set in the top at the north end of the north bridge seat, 25.0 feet southeast of the southeast corner of the US Geological Survey gaging shed, 4.0 feet below the levee, 3.7 feet east of the west end of the north bridge seat, 2.3 feet north of the south face of the bridge seat; a U.S. Geological Survey bronze gaging station reference mark with no markings.

616.102 feet NGVD 1929

#### IFC&WRC TBM WHR 198

In Morgan County, Mooresville West Quad., in the SE ¼ of Sec. 3, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.4 mile south of Centerton; 150 feet west along 550 North Road from its "T" road intersection with 150 East Road to the top of a levee; set in the top of the east-northeast metal bolt in the top of a concrete block base, 27.0 feet northwest of a north-south fence line, 26.0 feet southwest of the centerline of the gravel road, 18.0 feet southeast of power pole # 814/3278, 2.0 feet above the ground, 0.3 foot west-southwest of the east-northeast edge of the block, 0.2 foot above the concrete block; no markings.

615.445 feet NGVD 1929

#### IFC&WRC TBM WHR 199, 1962

In Morgan County, Mooresville West Quad., in the SW ¼ of Sec. 35, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; at Centerton; at the Centerton Elementary School; set in the south side of power pole # 1064/1, 144 feet east of the centerline of the east driveway to the Centerton Elementary School, 13.0 feet north of the centerline of 600 North Road 5.5 feet south of an east-west fence line, 1.0 foot above the ground, 0.5 foot below the road; a railroad spike driven through an aluminum tag, stamped "TBM WHR 199 1962".

624.855 feet NGVD 1929

USGS BM TT 34 1952

In Morgan County, Mooresville West Quad., in the SE  $\frac{1}{4}$  of Sec. 35, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.6 mile east of Centerton; at the "T"-road intersection of 600 North Road and 235 East Road; set in the top of a concrete post, in the northwest quarter of the junction, 70.0 feet west of the centerline of 235 East Road, 22.0 feet north of the centerline of 600 North Road, 2.1 feet east of a power pole, 0.1 foot above the ground; a U.S. Geological Survey bronze disk, stamped "TT 34 RJH 1952".  
619.699 feet NGVD 1929

IFC&WRC BM MOR 33, 1962

In Morgan County, Cope Quad., in the SE  $\frac{1}{4}$  of Sec. 7, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.2 miles northwest of Cope; about 0.45 mile northeast along State Road 37 from its intersection with 390 East Road to a two-foot pipe culvert under the highway; set in the top of the southeast headwall of the culvert, 21.5 feet below the highway, 0.8 foot northeast of the southwest end of the southeast headwall; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 33 1962".  
627.337 feet NGVD 1929

IFC&WRC TBM WHR 200

In Morgan County, Cope Quad., in the NW  $\frac{1}{4}$  of Sec. 8, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.4 miles northwest of Cope; at the "T"-road intersection of State Road 37 and 500 East Road; set in the top of a "V" concrete headwall of a two-foot box culvert under 500 East Road, 55.0 feet southwest of a 17-foot box culvert under old State Road 37, 13.0 feet south-southwest of the centerline of 500 East Road, 0.8 foot southeast of the northwest edge of the headwall, 0.5 foot southwest of the northeast edge of the headwall; a chiseled triangle.  
628.097 feet NGVD 1929

ISHC BM MOR G 2

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 8, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.0 miles southeast of Bethany; at the State Road 37 concrete bridge over Stotts Creek; set in the top of the southwest end of the northwest concrete sidewalk, 17.3 feet northwest of the centerline of the highway, 11.5 feet northeast of the southwest end of the northwest sidewalk, 2.6 feet northwest of the northwest of the southeast face of the northwest sidewalk, 0.9 foot above the road; a Indiana State Highway Commission bronze disk, stamped "MOR G 2".  
631.827 feet NGVD 1929

USC&GS TBM 332

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 4, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.2 miles southeast of Bethany; about 0.2 mile northeast along State Road 37 from its "T" road intersection with 600 East Road to a 2-foot pipe culvert under the highway; set in the top at the southwest end of the southeast headwall, 150 feet northeast of a Cities Service Station, 15.5 feet southeast of the centerline of the highway, 0.3 foot northeast of the southwest end of the south end of the southeast headwall, level with the highway; a chiseled circle.

650.120 feet NGVD 1929

USC&GS TBM 333

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 4, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.5 miles southeast of Bethany; about 0.1 mile southwest along State Road 37 from its "T" road intersection with 640 East Road to a forty-foot concrete bridge over a small stream, thence 32 feet northwest to an abandoned concrete arch bridge; set in the top of the southeast broken concrete guardrail, 8.0 feet east of a right-of-way marker, 4.8 feet southeast of a fence line; a painted steel reinforcing rod on the guardrail.

634.785 feet NGVD 1929

ISHC BM MOR G 8

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 34, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 3.2 miles southwest of Waverly; at the old State Road 37, 150-foot concrete bridge over Crooked Creek; set in the top at the southwest end of the northwest sidewalk, 1.0 foot above the highway; a Indiana State Highway Commission bronze disk, stamped "MOR G 8".

644.124 feet NGVD 1929

IFC&WRC TBM WHR 201

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 34, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 2.4 miles southwest of Waverly; 2.8 miles generally southwest along old State Road 37 from its intersection with old State Road 144 at Waverly to a 1-foot pipe culvert under old State Road 37; set in the top of the east headwall, 43.0 feet south of a private lane west, 30.0 feet southwest of a fence line east, 16.0 feet east of the centerline of old State Road 37, 1.0 foot below old State Road 37, 0.5 foot north of the south edge of the east headwall, 0.5 foot west of the east edge of the headwall; a chiseled triangle.

677.958 feet NGVD 1929

IFC&WRC BM MOR 34, 1962

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 34, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 2.0 miles southwest of Waverly; 2.3 miles generally southwest along old State Road 37 from its intersection with old State Road 144 at Waverly to a "T"-road east; set in the top at the south end of the headwall of a twenty-foot pipe culvert, 21.0 feet south of the centerline of the "T"-road east, 20.5 feet east of the centerline of State Road 37, 0.7 foot north of the south end of the culvert, level with the highway; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 34 1962".  
664.622 feet NGVD 1929

USC&GS TBM 335

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 34, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 2.0 miles southwest of Waverly; 2.3 miles generally southwest along old State Road 37 from its intersection with old State Road 144 at Waverly to a "T"-road east, in the northeast quarter of the junction; set in the top at the east corner of the headwall of a two-foot pipe culvert, 23.0 feet north of the centerline of the "T"-road east, 20.0 feet east of the centerline of old State Road 37, level with the highway; a chiseled circle.  
665.642 feet NGVD 1929

USC&GS BM W 13, 1930

In Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 27, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.7 miles southwest of Waverly; 1.8 miles generally southwest along old State Road 37 from its intersection with old State Road 144 at Waverly; set in the top of a concrete post, 235 feet southeast of the center line of the highway, 180 feet southwest of a farm house, 160 feet southwest of a fence corner, 4.5 feet northeast of power pole # 58-M-28, 1.1 feet northwest of a fence line, 1.1 feet below the road, 0.2 foot above the ground; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "676.724 W 13 1930".  
676.724 feet NGVD 1929

IFC&WRC BM MOR 35, 1962

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 26, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.0 mile southwest of Waverly; 1.2 miles generally southwest along old State Road 37 from its intersection with old State Road 144 at Waverly to a twenty four-foot concrete bridge over a small stream; set in the top at the south end of the southwest concrete base of the guardrail, 19.0 feet southwest of the centerline of old State Road 37, 3.2 feet northwest of the southeast end of the southwest guardrail base, 0.8 foot above the highway; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 35 1962".

642.009 feet NGVD 1929 SUPERSEDED ELEVATION

641.971 feet NGVD 1929                      REVISED ELEVATION                      195.673 meters NGVD 1929

IFC&WRC TBM WHR 202

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 26, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.9 mile southwest of Waverly; 1.1 miles generally southwest along old State Road 37 from its intersection with old State Road 144 at Waverly to a seven-foot culvert under the highway, set in the top of the east headwall, 257 feet north of the center line of a private drive east, 19.5 feet east of the center line of old SR 37, 1.0 foot below the road, 1.0 foot north of the south edge of the east headwall, 0.5 foot west of the east edge of the headwall; a chiseled triangle.

636.591 feet NGVD 1929

USC&GS TBM 337

In Morgan County, Mooresville East Quad., in the NE ¼ of Sec. 23, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.5 mile southwest of Waverly; 0.6 mile generally southwest along old State Road 37 from its intersection with old State Road 144 at Waverly to a three-foot box culvert; set in the top of the southeast wingwall, 69.0 feet north-northeast of a gravel drive to a house, 18.0 feet east-southeast of the centerline of the highway 9.8 feet west-northwest of the east-southeast edge of the southeast wingwall; a chiseled circle.

649.238 feet NGVD 1929

IFC&WRC BM MOR 36, 1962

In Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 14, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.1 mile northwest of Waverly; at the old State Road 144 six hundred-foot concrete bridge over the Whiter River; set in the top at the north end of the east concrete guardrail, 21.0 feet south of the north end of the east guardrail, 11.5 feet east of the centerline of the bridge, 5.3 feet above the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 36 1962".  
657.721 feet NGVD 1929

USC&GS BM Z 61, 1946

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 14, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.0 mile northwest of Waverly; at the old State Road 144 sixty-foot concrete bridge over Sinking Creek; set in the top of the southwest concrete wingwall, 16.0 feet east of the centerline of the highway, 0.8 foot east of the west edge of the wingwall, 0.5 foot above the highway; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "Z 61 1946".  
643.493 feet NGVD 1929

IFC&WRC TBM WHR 203, 1962

IN Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 14, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.8 mile northwest of Waverly; 1.0 mile generally northwest along old State Road 144 from its intersection with old State Road 37 at Waverly to a paved "T"-road north, thence 0.15 mile north to a gravel 950 North Road (now new State Road 144), thence 0.4 mile east to a group of trees south of the road; set in the north side of an 18-inch Elm tree, 16.0 feet south of the centerline of the grave 950 North Road (now new State Road 144), 1.8 feet north of the east-west fence line, 1.1 feet above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WHR 203 1962".  
639.410 feet NGVD 1929

IFC&WRC BM MOR 37, 1962

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 14, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.7 mile north of Waverly; at the "T"-road intersection of 950 North Road and 850 East Road (now new State Road 144); set in the top of a concrete post, 52.0 feet west of the centerline of 850 East Road, 41.5 feet north of the centerline of 950 North Road (now new State Road 144), 3.0 feet below the road, 2.4 feet southeast of a fence corner post, 0.2 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 37 1962".  
635.596 feet NGVD 1929

IFC&WRC TBM WHR 204, 1962

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 12, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.4 miles north of Waverly, about 0.7 mile north along 850 East Road from its "T"-road intersection with 950 North Road (now new State Road 144), to a power pole; set in the west side of the power pole, 400 feet north of the centerline of a drive east to a house, 15.0 feet east of the centerline of the gravel road, 0.5 foot above the ground, adjacent to a fence line; a railroad spike driven through an aluminum tag, stamped "TBM WHR 204 1962".  
647.193 feet NGVD 1929

USGS BM TT 28 RJH 1952

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 11, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.4 miles north of Waverly; about 1.0 mile north along 850 East Road from its "T"-road intersection with 950 North Road (now new State Road 144); set in the top of a concrete post, 10.0 feet south of the center line of a driveway east, 2.5 feet southwest of a power pole, level with the ground; a U.S. Geological Survey bronze disk, stamped "TT 28 RJH 1952 654".  
654.136 feet NGVD 1929

IFC&WRC TBM WHR 205, 1962

IN Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 2, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.4 miles north of Waverly; about 1.7 miles north along 850 East Road from its "T"-road intersection with 950 North Road (now new State Road 144) to a power pole; set in the east side of the power pole, 250 feet north of the centerline of a drive west to a farm house, 16.0 feet west of the centerline of the gravel road, 0.5 foot above the ground, on the fence line; a railroad spike driven through an aluminum tag, stamped "TBM WHR 205 1962".  
654.018 feet NGVD 1929

USGS BM TT 29 RJH 1952 / DNR BM WHSI TT 10 E

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 2, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 2.5 miles north of Waverly; at the "T"-road intersection of Mann Road and 1150 North Road; set in the top of a concrete post, in the northeast quarter of the junction, 29.0 feet north of the centerline of 1150 North Road, 18.0 feet east of the centerline of Mann Road, 15.0 feet north of a fence corner post, 10.0 feet south of a twelve-inch Locust tree, 1.0 foot west of a fence line, 0.3 foot above the ground; a U.S. Geological Survey bronze disk, stamped "TT 29 RJH 1952 671".

671.195 feet NGVD 1929

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)  
Indiana East Zone : Easting : 327,898.198                      Northing : 764,305.969

IFC&WRC TBM WHR 206

In Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 35, T. 14 N., R. 2 E., 2<sup>nd</sup> PM; about 3.1 miles north of Waverly; about 0.5 mile southwest along Mann Road from its "T" road intersection with 1250 North Road to a six-foot box culvert under the road; set in the top of the southeast concrete guardrail, 13.0 feet northwest of a fence line, 11.0 feet southeast of the centerline of Mann Road, 2.2 feet above the road, 0.5 foot northwest of the southeast edge of the southeast guardrail, 0.4 foot northeast of the southwest edge of the guardrail; a chiseled triangle.

667.661 feet NGVD 1929

IFC&WRC BM MOR 38, 1962

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 36, T. 14 N., R. 2 E., 2<sup>nd</sup> PM; about 3.1 miles north of Waverly; at the "T" road intersection of 1250 North Road and Mann Road at a 15-foot concrete bridge over a small creek; set in the top at the north end of the east concrete guardrail, 34.0 feet north of the center line of a gravel 1250 North Road, 11.0 feet east of the centerline of Mann Road, 2.0 feet south of the north end of the east guardrail, 1.8 feet above the road; a Indiana Flood Control and Water Resources Commission bronze control station tablet, stamped "MOR 38 1962".

671.838 feet NGVD 1929

IFC&WRC TBM WHR 207, 1962

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 36, T. 14 N., R. 2 E., 2<sup>nd</sup> PM; about 4.0 miles north of Waverly; 0.4 mile generally southwest along Mann Road from its intersection with 1300 North Road at Landersdale to an 18-inch Locust tree on the east side of the road; set in the west side of the tree, 100 feet south of the centerline of the southeast drive to twin driveways to a farm house, 27.0 feet south-southwest of a 12-inch metal pipe under Mann Road, 18.0 feet east-southeast of the centerline of Mann Road, 1.2 feet above the ground, on the fence line; a railroad spike driven through an aluminum tag, stamped "TBM WHR 207 1962".

666.274 feet NGVD 1929

USGS BM TT 115 M 1945 / DNR BM WHSI TT 15 E

IN Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 25, T. 14 N., R. 2 E., 2<sup>nd</sup> PM; about 4.6 miles north of Waverly; 0.6 mile generally northeast along Mann Road from its intersection with 1300 North Road at Landersdale to a private "T"-road east; set in the top of a concrete post, 40.0 feet north of the centerline of a private drive, 36.83 feet southeast and across Mann Road from a "PK" nail and cap in a power pole, 22.0 feet east of the centerline of Mann Road, 9.24 feet south of the H. Lugar mail box post, 3.4 feet west of power pole # F 238, 0.7 foot above the ground; a U.S. Geological Survey bronze disk, stamped "TT 115 M 666 1945".

665.905 feet NGVD 1929

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 333,669.611

Northing : 773,911.471

USC&GS BM Q 61, 1946

IN Morgan County, Mooresville West Quad., in the NE  $\frac{1}{4}$  of Sec. 26, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; 1.1 miles west then north along State Road 267 from its junction with old State Road 67 to a 12-foot concrete bridge; set in the top at the west end of the southeast concrete wing wall of the bridge, 27.0 feet east of the centerline of the road, 175 feet southwest of the southwest corner of a frame house with a brick porch, about level with the road; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "Q 61 1946".

680.753 feet NGVD 1929

IFC&WRC TBM WFWL 1, 1964

In Morgan County, Plainfield Quad., in the NW  $\frac{1}{4}$  of Sec. 26, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; about 3.5 miles south of Plainfield; at the "T" road intersection of Morgan – Hendricks County Line Road and 175 East Road; set in the north side of a 40-inch Maple tree, 132 feet west of the centerline of 175 East Road, 24.0 feet south of the centerline of Morgan – Hendricks County Line Road, 1.0 foot above the ground; a railroad spike driven through an aluminum tag, stamped "TBM WFWL 1 1964".

687.187 feet NGVD 1929

IFC&WRC TBM WLC 17

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 36, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; 0.3 mile north along the Conrail (Pennsylvania) Railroad from its crossing with State Road 67 to the crossing of East South Street; set in the top of a concrete wall around 3 gasoline storage tanks, 25.0 feet west of the west rail of the tracks, 10.8 feet north of the south end of the east concrete wall, 0.4 feet west of the east face of the wall, 6.5 feet above the tracks; a chiseled triangle.

689.817 feet NGVD 1929

ISHC BM MOR G-4

In Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 36, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the State Road 67 twin concrete bridge over the East Fork Whitelick Creek; set in the top of the west concrete curbing of the bridge, 18.5 feet northwest of the centerline of the southbound lanes, 4.0 feet northeast of the southwest end of the southbound bridge, 1.0 foot above the road; a Indiana State Highway Commission bench mark tablet, stamped "MOR G-4".

672.227 feet NGVD 1929

USC&GS BM U 61 RESET 1958

In Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 36, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the State Road 144 four-span concrete girder bridge over the East Fork Whitelick Creek; set in the top of the south curb wall of the bridge, 18 feet northwest of the southeast end of the bridge, 1.0 foot above the road; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "U 61 RESET 1958".

673.559 feet NGVD 1929

USC&GS BM C 64, 1946

In Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 25, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; 1.05 miles east, north and northeast along old State Road 67 from its junction with State Road 267; set in the top of a concrete post, 450 feet northeast of a private drive, 25 feet southeast of the centerline of old State Road 67, 3.5 feet southwest of a fence corner post, 1.5 feet above the road; a U.S. Coast and Geodetic Survey bronze bench mark disk, stamped "C 64 1946".

674.618 feet NGVD 1929

IFC&WRC BM MOR 39, 1964

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 30, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the old State Road 67 four-span concrete bridge over the East Fork Whitelick Creek; set in the top of the east wingwall of the bridge, 11.3 feet southeast of the centerline of the road, 0.8 foot northeast of the southwest face of the wingwall, level with the road; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "MOR 39 1964".

676.827 feet NGVD 1929

IFC&WRC TBM EFWL 1

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 30, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the old State Road 67 four-span concrete bridge over the East Fork Whitelick Creek; set in the top of the west wingwall of the bridge, 14.0 feet northwest of the centerline of the road, 0.5 foot east of the west face of the wingwall, level with the road; a chiseled triangle.

676.672 feet NGVD 1929

IFC&WRC TBM EFWL 2

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Sec. 30, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; at Mooresville; at the State Road 67 twin concrete bridge over Silon Creek; set in the top at the west end of the south bridge seat of the northbound bridge, 23.2 feet west of the centerline of the northbound highway, 2.1 feet north of the south face of the west guardrail, 1.3 feet below the highway; a chiseled triangle.

683.139 feet NGVD 1929

DNR TBM MOR A 1990

In Morgan County, Plainfield Quad., in the NE  $\frac{1}{4}$  of Sec. 26, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile northwest of Mooresville; at the Hendricks – Morgan County Line Road bridge over White Lick Creek; set in the east side of a 30-inch Cottonwood tree, on the left bank of the creek, about 215 feet south of the centerline of County Line Road, 2 feet landward on top of the left bank of White Lick Creek, 1.6 feet above the ground; a railroad spike driven through an aluminum tag, stamped "DNR TBM MOR A 1990".

674.346 feet NGVD 1929

205.5411 meters NGVD 1929

DNR TBM MOR B 1990

In Morgan County, Plainfield Quad., in the NE  $\frac{1}{4}$  of Sec. 26, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile northwest of Mooresville; at the Hendricks – Morgan County Line Road bridge over White Lick Creek; set in the northwest side of a 20-inch Maple tree, on the left bank of White Lick Creek, about 285 feet south of the centerline of County Line Road, 30 feet landward of the top of the left bank of White Lick Creek, 1.7 feet above the ground; a railroad spike driven through an aluminum tag, stamped "DNR TBM MOR B 1990".

674.075 feet NGVD 1929

205.4585 meters NGVD 1929

DNR BM MOR 20, 1990

In Morgan County, Plainfield Quad., in the NE ¼ of Sec. 26, T. 14 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile northwest of Mooresville; at the Hendricks – Morgan County Line Road bridge over White Lick Creek; 18.6 feet south of the centerline of County Line Road, 4.0 feet east of the southeast end of the bridge at an expansion joint, level with expansion joint, level with the road, 0.5 foot northwest of the southeast face of the concrete wing wall; a Department of Natural Resources control station tablet, stamped "MOR 20 1990".

685.913 feet NGVD 1929

THIRD ORDER

209.067 meters NGVD 1929

DNR BM MOR 8 RESET 1990

In Morgan County, Cope Quad, in the NE ¼ of Sec 21, T. 12 N., R. 2 E., 2<sup>nd</sup> P.M.; about 1.2 miles north-northeast of Cope; at the 625 East Road bridge over the North Prong Stotts Creek; set in the top of the southeast wingwall of the bridge, 13.2 feet east of the centerline of the road, 0.8 foot south of the north corner of the wingwall, 0.5 foot east of the southeast corner of the concrete guardrail of the bridge, level with the road; a Indiana Department of Natural Resources control station tablet, stamped "MOR 8 RESET 1990".

650.999 feet NGVD 1929

2<sup>nd</sup> Order

198.425 meters NGVD 1929

DNR TBM DRUCILLA 1990

In Morgan County, Cope Quad, in the NE ¼ of Sec 21, T. 12 N., R. 2 E., 2<sup>nd</sup> P.M.; about 1.2 miles north-northeast of Cope; at the intersection of 625 East Road and 250 North Road; set in the north side of a utility pole with a transformer, 475 feet north along 625 East Road from its intersection with 250 North Road, 19.0 feet east of the centerline of the road, 1.0 foot above the ground; a railroad spike driven through a aluminum tag, stamped "DRUCILLA".

654.018 feet NGVD 1929

2<sup>nd</sup> Order

DNR TBM BART 1990

In Morgan County, Cope Quad, in the NE ¼ of Sec 21, T. 12 N., R. 2 E., 2<sup>nd</sup> P.M.; about 1.2 miles north-northeast of Cope; at the intersection of 625 East Road and 250 North Road; set in the north side of utility pole # 93/66/05, 220 feet north along 625 East Road from its intersection with 250 North Road, 19.0 feet east of the centerline of the road, 1.0 foot above the ground; a railroad spike driven through a aluminum tag, stamped "BART".

649.303 feet NGVD 1929

2<sup>nd</sup> Order

USC&GS BM X 13, 1930 / DNR BM WHSI TT 52 A

In Morgan County, Mooresville East Quad, in the SE ¼ of Section 13, T. 13 N., R. 2 E., 2nd PM.; about 1.2 miles northwest of Waverly; in the southwest ¼ of the intersection of old State Road 37 and State Road 144; set in top of a 8 inch square concrete post, on the northeast end of a shrub line and slightly in the shrubs, 110 feet southwest of the centerline of State Road 144, 37.6 feet southwest of a yellow 4 inch diameter "GAS PIPE LINE" post, 45.1 feet northwest of power pole # 4821 506-A, 25 feet northwest of the centerline of old State Road 37,        feet northeast of a state highway right of way marker, projecting 4 inches above ground; a U.S. Coast & Geodetic Survey bronze disk stamped "686.370 X 13 1930".

686.370 feet NGVD 1929	2 <sup>nd</sup> Order	209.2060 meters NGVD 1929
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685.937 feet NAVD 1988		209.0740 meters NAVD 1988
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Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 334,684.056	Northing : 752,999.596
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DNR BM MOR 50, 1999

In Morgan County, Mooresville East Quad, in the SE ¼ of Section 21, T. 13 N., R. 2 E. 2nd P.M.; about 2.1 miles southwest of Waverly; at the intersection of Centenary Road and Taylor Trail Road, in the southwest ¼ of the intersection; set in top of a 8 inch diameter concrete post, 19.5 feet south of the centerline of Mann Road, 33.5 feet west of the centerline of Taylor Trail Road, 36.5 feet north of power pole # E3 24, 26.5 feet northwest of a road sign post, 62.5 feet west northwest of a fence corner post, about flush with the ground; a Department of Natural Resources control station tablet, stamped "MOR 50 1999".

676.123 feet NGVD 1929	2 <sup>nd</sup> Order	206.0826 meters NGVD 1929
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675.690 feet NAVD 1988		205.9506 meters NAVD 1988
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DNR BM MOR 51, 1999

In Morgan County, Mooresville East Quad, in the SW ¼ of Section 22, T. 13 N., R. 2 E. 2nd PM.; about 1.7 miles west of Waverly; about 1.4 miles southwest along Centenary Road from its intersection with State Road 144 to the station on the southwest side of the road; set in top of a 8 inch diameter concrete post, 38.0 feet southwest of a power pole, 41.5 feet southwest of the centerline centerline intersection of Centenary Road and a driveway west, 19.0 feet southeast of the centerline of Centenary Road, about flush with the ground; a Department of Natural Resources control station tablet, stamped "MOR 51 1999".

636.917 feet NGVD 1929	2 <sup>nd</sup> Order	194.1327 meters NGVD 1929
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636.484 feet NAVD 1988		194.0007 meters NAVD 1988
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DNR BM MOR 52, 1999

In Morgan County, Mooresville East Quad, in the SE ¼ of Section 15, T. 13 N., R. 2 E. 2nd PM.; about 1.4 miles west of Waverly; at the intersection Centenary Road and 925 North Road (Watson Road), in the northwest ¼ of the intersection; set in top of a 8 inch diameter concrete post, 44.5 feet northwest of the centerline of Mann Road, 42.5 feet north of power pole # E9-1, 25.5 feet west of a road sign post, 22.0 feet north of the centerline of 925 North Road (Watson Road), 5.1 feet south of a rail fence, about 0.1 foot below the ground; a Department of Natural Resources control station tablet, stamped "MOR 52 1999".

642.409 feet NGVD 1929	2 <sup>nd</sup> Order	195.8066 meters NGVD 1929
641.976 feet NAVD 1988		195.6746 meters NAVD 1988

DNR BM MOR 53, 1999

In Morgan County, Mooresville East Quad, in the NE ¼ of Section 15, T. 13 N., R. 2 E. 2nd PM.; about 1.4 miles northwest of Waverly; in the northeast ¼ of the intersection of State Road 144 and Mann Road and Centenary Road; set in top of a eight inch diameter concrete post, 58.9 feet northeast of the centerline of State Road 144, 36.8 feet southeast of the centerline of Mann Road, 70.9 feet southwest of a "PK" nail driven through a bottle cap in the south side of power pole # 21 IPL M 20-B, 64.1 feet west of a "PK" nail driven through a bottle cap in the west side of power pole # 22 IPL M 20-B, 7.9 feet east of a "PK" nail driven through a bottle cap in the east edge of the asphalt, about 0.2 foot below the ground; a Department of Natural Resources control station tablet, stamped "MOR 53 1999".

667.672 feet NGVD 1929	2 <sup>nd</sup> Order	203.5068 meters NGVD 1929
667.239 feet NAVD 1988		203.3748 meters NAVD 1988

DNR BM MOR 54, 1999

In Morgan County, Mooresville East Quad, in the SW ¼ of Section 2, T. 13 N., R. 2 E., 2nd PM.; about 2.5 miles northwest of Waverly; at the Mann Road cmp culvert over Sinking Creek, in the southeast ¼ of the intersection; set in the top of a eight inch diameter concrete post, 34.5 feet southwest of the centerline of the cmp, 16.0 feet southeast of the centerline of Mann Road, 10.2 feet southwest of a power pole, 3.0 feet southeast of a steel guardrail, 1.5 feet below the surface of the road, about 0.1 foot below the ground; a Department of Natural Resources control station tablet, stamped "MOR 54 1999".

670.265 feet NGVD 1929	2 <sup>nd</sup> Order	204.2973 meters NGVD 1929
669.832 feet NAVD 1988		204.1653 meters NAVD 1988

DNR BM MOR 55, 1999

In Morgan County, Mooresville East Quad, near the center of Section 2, T. 13 N., R. 2 E., 2nd PM.; about 2.8 miles northwest of Waverly; at the intersection of Mann Road and 1150 North Road, on the southeast side of Mann Road on the approximate centerline of 1150 north road in a grassy triangle shaped median; set in top of a eight inch diameter concrete post, 65.7 feet northwest of a telephone pole, 49.6 feet west of power pole # E-4/2/34/22/23, 24.7 feet southeast of the centerline of Mann Road, 5.5 feet southeast of a road sign post, about 0.1 foot below the ground; a Department of Natural Resources control station tablet, stamped "MOR 55 1999".

671.760 feet NGVD 1929

2<sup>nd</sup> Order

204.7529 meters NGVD 1929

671.327 feet NAVD 1988

204.6209 meters NAVD 1988

DNR BM MOR 56, 1999

In Morgan County, Mooresville East Quad, in the SE ¼ of Section 13, T. 13 N., R. 2 E., 2nd PM.; about 1.2 miles northeast of Waverly; at the northeast corner of the State Road 144 bridge over the White River; set in top of the north concrete guardrail of the bridge, 18.0 feet north of the centerline of State Road 144, 11.4 feet east of the east end of the bridge, 6.3 feet west of the east end of the concrete guardrail, 7.0 feet west of the sign post for the White River, 2.8 feet above State Road 144 , centered and flush with the top of the concrete guardrail; a Department of Natural Resources control station tablet, stamped "MOR 56 1999".

674.715 feet NGVD 1929

2<sup>nd</sup> Order

199.2365 meters NGVD 1929

674.281 feet NAVD 1988

199.1045 meters NAVD 1988

DNR BM MOR 57, 1999

In Morgan County, Mooresville East Quad, in the SE ¼ of Section 13, T. 13 N., R. 2 E., 2nd PM.; about 1,2 miles northeast of Waverly; at the northwest corner of the State Road 144 bridge over the White River; set in top of the north concrete guardrail of the bridge, 18.6 feet north of the centerline of State Road 144, 15.5 feet west of the west end of the bridge, 2.2 feet east of the west end of the concrete guardrail, 2.8 feet above the ground, centered and flush with the top of the guardrail; a Department of Natural Resources control station tablet, stamped "MOR 57 1999".

653.662 feet NGVD 1929

2<sup>nd</sup> Order

199.2365 meters NGVD 1929

653.229 feet NAVD 1988

199.1045 meters NAVD 1988

DNR BM MOR 58, 1999

In Morgan County, Mooresville East Quad, in the NW ¼ of Section 14, T. 13 N., R. 2 E., 2nd PM.; about 1.0 mile northwest of Waverly; at the northwest corner of the State Road 144 bridge over Sinking Creek; set in top of the north concrete guardrail of the bridge, 22.6 feet north of the centerline of State Road 144, 9.9 feet west of the west end of the bridge, 5.9 feet east of the west end of the concrete guardrail, 2.8 feet above the ground, centered and flush with the top of the guardrail; a Department of Natural Resources control station tablet, stamped "MOR 58 1999".

650.523 feet NGVD 1929

2<sup>nd</sup> Order

198.2798 meters NGVD 1929

650.090 feet NAVD 1988

198.1478 meters NAVD 1988

DNR BM MOR 59, 1999

In Morgan County, Mooresville East Quad, in the NW ¼ of Section 24, T. 13 N., R. 2 E., 2nd PM.; at Waverly; at the Waverly Elementary School; set in top of a eight inch diameter concrete post, 46.2 feet south of the centerline of a driveway, 41.2 feet southeast of a power pole, 23.0 feet southwest of the center of a sewer manhole, 21.3 feet west of an electric service box, 18.9 feet east of the centerline of the road, about flush with the ground; a Department of Natural Resources control station tablet, stamped "MOR 59 1999".

695.768 feet NGVD 1929

2<sup>nd</sup> Order

212.0706 meters NGVD 1929

695.337 feet NAVD 1988

211.9391 meters NAVD 1988

DNR BM MOR 60, 1999

In Morgan County, Mooresville East Quad, in the SE ¼ of Section 14, T. 13 N., R. 2 E., 2nd P.M.; about 0.3 miles north of Waverly; at the Public Access site on the north side of the White River; set in the top of a eight inch diameter concrete post, 45 .1 feet west of a "PK" nail in the west side of a fence post, 31.1 feet southeast of a "PK" nail driven through a bottle cap in the east side of a 30 inch Elm tree, 25.1 feet north of a "PK" nail driven through a bottle cap in the north side of 24 inch Box Elder tree, 18.0 feet west of the centerline of a gravel driveway, 7.0 feet north of the east leg of a firearms sign, about flush with the ground; a Department of Natural Resources control station tablet, stamped "MOR 60 1999".

635.167 feet NGVD 1929

2<sup>nd</sup> Order

193.5994 meters NGVD 1929

634.734 feet NAVD 1988

193.4674 meters NAVD 1988

DNR BM WHSI TT 7 E

In Morgan County, Mooresville East Quad, in the SE ¼ of Section 10, T. 13 N., R. 2 E., 2nd P.M.; about 2.1 miles northwest of Waverly; at the Mann Road cmp culvert over an unnamed tributary to Sinking Creek, in the southwest ¼ of the intersection of Mann Road and the cmp; set in a twelve inch square concrete post, 36.0 feet south of the centerline of the cmp, 33.5 feet west of a telephone pedestal, 17.0 feet west of the centerline of Mann Road, 5.5 feet south of a power pole, 4.5 feet east of a wood slat fence, about 0.1 foot above the ground; a Indiana Flood Control and Water Resource Commission bronze disk stamped " WHSI TT 7 E".

665.693 feet NGVD 1929	2 <sup>nd</sup> Order	202.9037 meters NGVD 1929
665.260 feet NAVD 1988		202.7717 meters NAVD 1988

DNR BM MOR 61, 2000

In Morgan County, Martinsville Quad., in the NE ¼ of Section 4, T. 11 N., R. 1 E. 2nd P.M.; at the City Hall / Police Station building in Martinsville; in the southeast ¼ of two alleys, west of Sycamore Street, and east of Jefferson Street, and north of Jackson Street; set in top of the concrete base of a gas pump, 85 feet east of the northeast corner of the Fire Department garage in City Hall, 57.4 feet north of a power pole with two transformers, 17 feet south of the centerline of the east-west alley, 16 feet east of the centerline of the north-south alley, 9.8 feet south of the north face of the concrete base of a gas pump, 1 foot east of the west face of the concrete base of the gas pump; a Indiana Department of Natural Resources control station tablet, stamped "MOR 61 2000".

184.479 meters NGVD 1929	2nd Order	184.353 meters NAVD 1988
605.246 feet NGVD 1929		604.832 feet NAVD 1988

DNR TBM MAR 1, 1996

In Morgan County, Martinsville Quad., in the NE ¼ of section 4, T. 11 N., R. 1 E. 2nd P.M.; in Martinsville near the City Hall / Police Station building; beginning at the intersection of South Sycamore Street and East Jackson Street; thence about ½ block west along East Jackson Street; set in the north side of a power pole. 30.5 feet south of the centerline of East Jackson Street, 6.5 feet east of the centerline of an alley, 30.5 feet north of residence mailbox # 159, about 1.4 feet above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM MAR 1 1996".

184.897 meters NGVD 1929	2nd Order	184.771 meters NAVD 1988
606.617 feet NGVD 1929		606.204 feet NAVD 1988

#### DNR TBM MAR 2, 1996

In Morgan County, Martinsville Quad, in the NE  $\frac{1}{4}$  of Section 4, T. 11 N., R. 1 E., 2nd P.M.; in Martinsville near the City Hall / Police Station building; beginning at the intersection of South Sycamore Street and East Jackson Street, thence about  $\frac{1}{2}$  block west along East Jackson Street to a alley on the east side of the City Hall building; set in the east side of a power pole with two transformers, 93 feet north of the centerline of East Jackson Street, 6 feet east of the centerline of the alley, about 1.3 feet above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM MAR 2 1996".

184.755 meters NGVD 1929

2nd Order

184.629 meters NAVD 1988

606.149 feet NGVD 1929

605.735 feet NAVD 1988

#### DNR TBM POP 1, 1998

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Section 8, T. 13 N., R. 2 E., 2<sup>nd</sup> P.M.; about 2.5 miles southeast of Mooresville; near the south end of Poplar Grove Lake; about 0.8 miles west along 1050 North Road from its intersection with State Road 144 to its intersection with Holland Drive; set in the north side of a power pole, in the northeast  $\frac{1}{4}$  of the intersection, 47.7 feet southeast of a street sign post, 29 feet east of the centerline of Holland Drive, 15 feet north of the centerline of 1050 North Road, 12.8 feet southeast of a fence corner post, about 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "DNR TBM POP 1 1998".

775.62 feet NAVD 1988

GPS Elevation

#### DNR TBM POP 2, 1998

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Section 8, T. 13 N., R. 2 E., 2<sup>nd</sup> P.M.; about 2.5 miles southeast of Mooresville; near the south end of Poplar Grove Lake; about 0.95 miles west along 1050 North Road from its intersection with State Road 144 to its intersection with a private drive north; set in the top of a fire hydrant on the northeast upper flange nut, in the southeast  $\frac{1}{4}$  of the intersection. 38 feet south of the centerline of 1050 North Road, 45.9 feet west of the centerline of a driveway south, 27.4 feet east of the extended centerline of a private drive north, about 2.5 feet above the ground; a filed "X".

770.01 feet NAVD 1988

GPS Elevation

DNR TBM POP 3, 1998

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Section 8, T. 13 N., R. 2 E., 2<sup>nd</sup> P.M.; about 2.5 miles southeast of Mooresville; near the east end of the Poplar Grove Lake dam; 38.6 feet southwest of the southwest corner of a garage, 11.2 feet north of the centerline of the dam, 8.9 feet northwest of the center of a bird house post, 8.1 feet southeast of a power pole, 0.8 foot above the ground; the top iron hinge in the south side of a gate post.

755.98 feet NAVD 1988

GPS Elevation

DNR TBM POP 4, 1999

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Section 8, T. 13 N., R. 2 E., 2<sup>nd</sup> P.M.; about 2.5 miles southeast of Mooresville; at the west side of Poplar Grove Lake; set in the south most concrete wingwall of the drop outlet control structure for Poplar Grove Lake, , about  $\frac{1}{4}$  inch above the surface of the concrete wingwall, about 9 feet east of the centerline of the dam, 9.9 feet northwest of the southeast face of the south wingwall, 1.5 feet south of the centerline of the drop outlet; the top of the northwest most rebar.

754.025 feet NAVD 1988

GPS Elevation

DNR TBM POP 5, 1999

In Morgan County, Mooresville East Quad., in the NE  $\frac{1}{4}$  of Section 8, T. 13 N., R. 2 E., 2<sup>nd</sup> P.M.; about 2.5 miles southeast of Mooresville; at the north side of Poplar Grove Lake; set in the north side of a power pole, 64 feet northwest of the northwest most wood pier post, 43.3 feet west of the southwest corner of a garage, 18.5 feet north of the centerline of the emergency spillway, 14.8 feet northwest of a twelve inch wood bird house post, about 1.3 feet above the ground; a railroad spike driven through an aluminum tag, stamped "POP 5 1999".

754.59 feet NAVD 1988

GPS Elevation

DNR TBM SARTOR 1 2002

In Morgan County, Martinsville Quad., in the NE  $\frac{1}{4}$  of Section 9, T. 11 N., R. 1 E., 2<sup>nd</sup> P. M.; at Martinsville; at the Mahalasville Road concrete box culvert over Sartor Ditch; set in the top of the northeast concrete abutment of the culvert, 11.5 feet east of the centerline of the road, 3.7 feet north of the north end of the concrete handrail of the culvert, 3.0 feet south of the north end of the abutment, 0.5 foot west of the east face of the abutment, about level with the road; a chiseled triangle.

600.057 feet NGVD 1929

2<sup>nd</sup> Order

599.644 feet NAVD 1988

DNR TBM SARTOR 2 2002

In Morgan County, Martinsville Quad., in the SE ¼ of Section 4, T. 11 N., R. 1 E., 2<sup>nd</sup> P. M.; at Martinsville; at the intersection of South Ohio Street and Warren Street; at the "MSD of Martinsville Maintenance Department" building; set in the west side of utility pole # 150 with 3 guy wires to the east, 57.5 feet southeast of the southeast corner of the maintenance building, 35.3 feet west of the centerline of South Ohio Street, 15.5 feet north of the centerline of Warren Street, 1.5 foot above the asphalt parking lot; a railroad spike driven through an aluminum tag, stamped "IDNR TBM SARTOR 2 2002".

607.902 feet NGVD 1929

2<sup>nd</sup> Order

607.488 feet NAVD 1988

DNR BM MOR 100, 2002

In Morgan County, Martinsville Quad., in the SE ¼ of Sec 8, T. 11 N., R. 1 E., 2<sup>nd</sup> P. M.; about 0.5 mile south of Martinsville; at the 50 West Road concrete bridge over Indian Creek; set in the northwest concrete abutment of the bridge, 15 feet west of the centerline of 50 West Road, 5.7 feet north of the south end of the concrete bridge abutment, 2.7 feet south of the north face of the concrete bridge abutment, 0.6 foot east of the west face of the concrete bridge abutment, 0.5 foot west of the guardrail, about flush with the road; a Indiana Department of Natural Resources control station tablet, stamped "MOR 100 2002".

602.103 feet NGVD 1929

2<sup>nd</sup> Order

601.690 feet NAVD 1988

DNR TBM BLD 1, 1990

In Morgan County, Hall Quad., in the NE ¼ of Sec 22, T. 13 N., R. 1 W., 2<sup>nd</sup> P. M.; about 1.5 mile east of Hall; at the Briarwood Lake dam; set in the east side of a utility pole, in the center of the emergency spillway; 13.7 feet north of the centerline of Briarwood Lake Road, 7.1 feet south of the southeast corner fence post, 0.7 foot above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM BLD 1 1990".

775.374 feet NGVD 1929

3<sup>rd</sup> Order

DNR TBM BLD 2, 1990

In Morgan County, Hall Quad., in the NE ¼ of Sec 22, T. 13 N., R. 1 W., 2<sup>nd</sup> P. M.; about 1.5 mile east of Hall; at the Briarwood Lake dam; set in the south side of utility pole # 873, at the west end of the dam; 105 feet west of the emergency spillway, 22.0 feet east of the centerline of Briarwood Lake Road, 9.3 feet southwest of the southwest corner of a gray garage, 0.8 foot above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM BLD 2 1990".

769.131 feet NGVD 1929

3<sup>rd</sup> Order

DNR TBM JORDAN 1, 2002

In Morgan County, Hindustan Quad., in the NW  $\frac{1}{4}$  of Sec 19, T. 11 N., R. 1 E., 2<sup>nd</sup> P. M.; about 0.25 mile east of Liberty Church; at the Liberty Church Road bridge over Jordan Creek; set in the top of the southeast corner of the concrete bridge deck, 47.0 feet west of a power pole, 24.9 feet northwest of the southeast face of the southeast wingwall, 11.6 feet south of the centerline of the road, 1.0 foot north of the south face of the bridge deck, 0.2 foot below the road surface; a chiseled triangle.

601.145 feet NGVD 1929

3<sup>rd</sup> Order

DNR TBM JORDAN 2, 2002

In Morgan County, Martinsville Quad., in the NW  $\frac{1}{4}$  of Sec 20, T. 11 N., R. 1 E., 2<sup>nd</sup> P. M.; about 0.5 mile south of Maxwell; at the Jordan Road bridge over Buckner Branch; set in the top of the southeast concrete wingwall of the bridge, 25.5 feet northwest of a fourteen inch Maple tree, 12.5 feet east of the centerline of the road, 8.0 feet northwest of the southeast face of the wingwall, 0.5 foot east of the east face of the concrete guardrail, 0.5 foot below the road; a chiseled triangle.

615.849 feet NGVD 1929

3<sup>rd</sup> Order

DNR TBM JORDAN 3, 2002

In Morgan County, Martinsville Quad., in the NE  $\frac{1}{4}$  of Sec 18, T. 11 N., R. 1 E., 2<sup>nd</sup> P. M.; about 0.25 mile north of Maxwell; at the Jordan Road bridge over Indiana Creek; set in the top of the southwest concrete wingwall of the bridge, 12.5 feet west of the centerline of the road, 2.0 feet southwest of the west edge of the concrete curb, 0.5 foot south of the north face of the wingwall, 0.45 foot above the road; a chiseled triangle.

597.046 feet NGVD 1929

3<sup>rd</sup> Order

DNR TBM JORDAN 4, 2002

In Morgan County, Martinsville Quad., in the NW  $\frac{1}{4}$  of Sec 17, T. 11 N., R. 1 E., 2<sup>nd</sup> P. M.; about 0.5 mile northeast of Maxwell; about 0.7 mile generally west and then southwest along Burton Lane from its intersection with 50 West Road to its intersection with Burton Trail; set in the south side of power pole # F 3/7, 58.0 feet northwest of the northwest corner of a general store, 12.0 feet north of the centerline of Burton Lane, 10.2 feet west of the extended centerline of Burton Trail, 1.0 foot above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM JORDAN 4 2002".

601.145 feet NGVD 1929

3<sup>rd</sup> Order

DNR TBM TO 1/04184, 1984

In Morgan County, Cope Quad., in the SE ¼ of Sec 2, T. 11 N., R. 2 E., 2<sup>nd</sup> P. M.; about 2.8 mile northwest of Morgantown; at the south end of the Twin Oaks Lake dam; set in the west side of a power pole, 75.5 feet south of the south end of the bridge over the emergency spillway, 26.5 feet southeast of the centerline of the road, 0.8 foot above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM TO 1 04184".

773.844 feet NGVD 1929

3<sup>rd</sup> Order

DNR TBM TO 2/04184, 1984

In Morgan County, Cope Quad., in the SE ¼ of Sec 2, T. 11 N., R. 2 E., 2<sup>nd</sup> P. M.; about 2.8 mile northwest of Morgantown; at the south end of the Twin Oaks Lake dam, at the south end of the bridge over the emergency spillway; set on the top of a bolt head for a guardrail brace, 9.6 feet west of the centerline of the road, about 1.0 foot below the road, 0.8 foot south of the north face of the south abutment; a stamped "+".

767.368 feet NGVD 1929

3<sup>rd</sup> Order

DNR BM WHSI TT 31 A

In Morgan County, Mooresville East Quad., in the SW ¼ of Sec 24, T. 13 N., R. 2 E., 2<sup>nd</sup> P. M.; about 0.6 mile southeast of Waverly; at the intersection of State Road 37 and 800 North Road; set in the top of a twelve inch square concrete post, about 261 feet northeast along the south bound lanes of State Road 37 from 800 North Road, 45 feet northwest of the centerline of the south bound lanes of State Road 37, 18.18 feet east of a steel fence post in the right-of-way fence line, 13.5 feet south of a steel fence post in the right-of-way fence line, 4.62 feet southeast of a steel fence post in the right-of-way fence line; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 31 A".

733.924 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = \text{ }^\circ \text{ ' '}$                        $\lambda = \text{ }^\circ \text{ ' '}$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 331,563.715                      Northing : 745,926.758

AZIMUTH DATA:

Mark Name	Geodetic Azimuth ° ' "	Grid Azimuth ° ' "	Grid Distance (feet)
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DNR BM WHSI TT 41 A

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 26, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.3 mile southwest of Waverly; 1.4 miles generally southwest along old State Road 37 from its intersection with old State Road 144 at Waverly to a private drive to the southeast (A.J. Kerkof); set in the top of a twelve inch square concrete post, 26 feet southeast of the centerline of old State Road 37, northeast of the centerline of the private drive, southeast of and across old State Road 37 from a "PK" nail and cap in power pole # 68 M 28, northeast of and across the private drive from a "PK" nail and cap in a fence post in a fence line parallel with the private drive; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 41 A".

657.346 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 325,466.461                      Northing : 743,664.858

AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0   '   ''	Grid Azimuth 0   '   ''	Grid Distance (feet)
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USC&GS BM A 64, 1946 / DNR BM WHSI TT 45 A

In Morgan County, Mooresville East Quad., in the NE ¼ of Sec. 23, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; at Waverly; at the intersection of old State Road 37 and old State Road 144; set in the top of a concrete post, 46.9 feet north of a twelve inch Maple tree, 44.6 feet northwest of a twenty four inch Maple tree, 34 feet southeast of the centerline of old State Road 37, 4.63 feet southeast of a "PK" nail and cap in power pole # 14 M 20 K, about 2.5 feet above the center of the road intersection, 2 feet northwest of a white wooden witness post, 6 inches above the ground; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "A 64 1946"

**DESTROYED**

645.780 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 329,766.825                      Northing : 749,216.116

AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0   '   ''	Grid Azimuth 0   '   ''	Grid Distance (feet)
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DNR BM WHSI TT 47 A

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 24, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.2 mile northeast of Waverly; about 0.4 mile generally northeast along old State Road 37 from its intersection with old State Road 144 to a private drive southeast (F & K Meade); set in the top of a twelve inch square concrete post, 38.77 feet southwest of and across the private drive from a "PK" nail and cap in a fence post, 30 feet east of the centerline of old State Road 37, 17.12 feet north of a "PK" nail and cap in power pole # 61 M 205, 14 feet south of the private drive, 6.2 feet northwest of a "PK" nail and cap in a fence post; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 47 A".

651.328 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 331,427.848

Northing : 750,491.006

AZIMUTH DATA:

Mark Name	Geodetic Azimuth ° ' ''	Grid Azimuth ° ' ''	Grid Distance (feet)
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DNR BM WHSI TT 1 E

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 27, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.9 miles southwest of Waverly; about 1.9 miles generally southwest along Centenary Road from its intersection with State Road 144 to a turn to the west; set in the top of a twelve inch square concrete post, about 1,000 feet south of the road on top of a hill; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 1 E".

769.433 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 319,766.907

Northing : 744,665.753

AZIMUTH DATA:

Mark Name	Geodetic Azimuth ° ' ''	Grid Azimuth ° ' ''	Grid Distance (feet)
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### DNR BM WHSI TT 3 E

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 22, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.3 miles west of Waverly; about 1.1 miles generally southwest along Centenary Road from its intersection with State Road 144 to a gravel private drive to the northwest (Dora Soots residence); set in the top of a twelve inch square concrete post, 56.65 feet north-northwest of and across the road from a "PK" nail and cap in a eighteen inch Walnut tree, 49.20 feet west of a "PK" nail and cap in a power pole, 44.35 feet south of a "PK" nail and cap in a thirty six inch Walnut tree, 37 feet northeast of the private drive, 11.5 feet northwest of the centerline of the road; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 3 E".

638.812 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 321,312.434

Northing : 748,781.345

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0° ' ''	Grid Azimuth 0° ' ''	Grid Distance (feet)
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### DNR BM WHSI TT 5 E

In Morgan County, Mooresville East Quad., in the NE ¼ of Sec. 22, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.3 miles west of Waverly; about 0.8 mile generally southwest along Centenary Road from its intersection with State Road 144 to a asphalt private drive; set in the top of a twelve inch square concrete post, 135 feet north of the centerline of the private drive, 33 feet east of the centerline of the road; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 5 E".

635.975 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 322,141.244

Northing : 750,546.251

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0° ' ''	Grid Azimuth 0° ' ''	Grid Distance (feet)
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#### DNR BM WHSI TT 6 E

In Morgan County, Mooresville East Quad, in the NE ¼ of Section 15, T. 13 N., R. 2 E. 2nd PM.; about 1.2 miles northwest of Waverly; at the intersection of State Road 144 and Mann Road and Centenary Road; set in the top of a twelve inch square concrete post, 552 feet southeast of the centerline of Centenary Road, 29.5 feet south of the centerline of State Road 144; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 6 E".

647.697 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 324,688.015                      Northing : 753,926.351

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0° ' "	Grid Azimuth 0° ' "	Grid Distance (feet)
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#### DNR BM WHSI TT 7 E

In Morgan County, Mooresville East Quad, in the SE ¼ of Section 10, T. 13 N., R. 2 E. 2nd PM.; about 2.0 miles northwest of Waverly; 0.9 mile north along Mann Road from its intersection with State Road 144 to a one span concrete bridge over a unnamed tributary to Sinking Creek; set in the top of a twelve inch square concrete post, 33.95 feet southwest of and across Mann Road from a "PK" nail and cap in a power pole, 33 feet south of the center of the bridge, 32.22 feet southwest of and across Mann Road from a cut "X" in the south end of the east headwall of the bridge, 23.49 feet southwest of the west headwall of the bridge, 16 feet west of the centerline of the road, 4 feet east of a fence across from the Dale Davee residence; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 7 E".

665.696 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 324,737.084                      Northing : 758,878.028

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0° ' "	Grid Azimuth 0° ' "	Grid Distance (feet)
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### DNR BM WHSI TT 9 E

In Morgan County, Mooresville East Quad, in the SW ¼ of Section 2, T. 13 N., R. 2 E. 2nd PM.; about 2.2 miles northwest of Waverly; at the Mann Road bridge over Sinking Creek; set in the top of a twelve inch square concrete post, 550 feet southeast along the northeast bank (left downstream), 52.9 feet northeast and across Sinking Creek from a "PK" nail and cap in a thirty eight inch Locust tree, 51.8 feet northwest of a "PK" nail and cap in a four inch Elm tree, 38.45 feet north-northeast and across Sinking Creek from a "PK" nail and cap in a 34 inch Locust tree; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 9 E".

664.433 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 326,634.626                      Northing : 761,666.698

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0° ' ''	Grid Azimuth 0° ' ''	Grid Distance (feet)
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### DNR BM WHSI TT 12 E

In Morgan County, Mooresville East Quad., in the SW ¼ of Sec. 36, T. 14 N., R. 2 E., 2<sup>nd</sup> PM; about 3.1 miles north of Waverly; at the "T" road intersection of 1250 North Road and Mann Road at a 15-foot concrete bridge over a small creek; set in the top of a twelve inch square concrete post, 100.05 feet southwest of and across Mann Road from a cut "X" in the south end of the east headwall of the bridge, 89.05 feet southwest of and across 1250 North Road from a cut "X" in the south end of the west headwall of the bridge, 65 feet south of the centerline of 1250 North Road, 17.5 feet west of the centerline of Mann Road, 12.4 feet north of a "PK" nail and cap in a fence post; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 12 E".

667.941 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 330,953.248                      Northing : 769,372.874

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0° ' ''	Grid Azimuth 0° ' ''	Grid Distance (feet)
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### DNR BM WHSI TT 13 E

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 36, T. 14 N., R. 2 E., 2<sup>nd</sup> PM; about 4.0 miles north of Waverly; at the intersection of 1300 North Road and Mann Road, in the southeast ¼ of the intersection; set in the top of a twelve inch square concrete post, 20.35 feet south of a "PK" nail and cap in a four inch Hackberry tree, 12.5 feet east of the centerline of Mann Road; ; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 13 E".

667.812 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 332,001.078                      Northing : 771,836.857

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth ° ' ''	Grid Azimuth ° ' ''	Grid Distance (feet)
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### DNR BM WHSI TT 16 E

In Morgan County, Bridgeport Quad., in the NE ¼ of Sec. 25, T. 14 N., R. 2 E., 2<sup>nd</sup> PM; about 2.0 miles southeast of West Newton; about 0.1 mile northeast along Mann Road from the Mann Road bridge over Goose Creek; set in the top of a twelve inch square concrete post, northeast of and across Mann Road from a white farm house, 31.43 feet north of a "PK" nail and cap in a fence post, 17.5 feet southeast of the centerline of Mann Road; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 16 E".

672.675 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 334,521.265                      Northing : 775,846.175

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth ° ' ''	Grid Azimuth ° ' ''	Grid Distance (feet)
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#### DNR BM WHSI TT 3 L

In Morgan County, Mooresville East Quad., in the SE ¼ of Sec. 14, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.5 mile northwest of Waverly; about 0.47 mile northwest along old State Road 144 from its intersection with old State Road 37 in Waverly, on the northeast side of the road across the road from the R. Chowning residence; set in the top of a twelve inch square concrete post, 69.35 feet north of and across the road from a "PK" nail and cap in a powerpole, 56.20 feet east of and across the road from a "PK" nail and cap in a six inch Elm tree, 16.3 feet northeast of the centerline of the road, 9.2 feet west of a fence post, 8 feet southwest of a five foot high chain link fence around the Southlake Beach Club, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 3 L".

640.041 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 327,630.969

Northing : 751,771.673

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0° ' ''	Grid Azimuth 0° ' ''	Grid Distance (feet)
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#### DNR BM WHSI TT 4 L

In Morgan County, Mooresville East Quad., in the NE ¼ of Sec. 14, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.7 mile north of Waverly; about 0.6 mile north along 850 East Road from its "T"-road intersection with 950 North Road (now new State Road 144), on the west side of the road; set in the top of a twelve inch square concrete post, 550 feet south of the I.H. Tackett residence, 51.43 feet northwest of and across the road from a "PK" nail and cap in a fence post, 46.00 feet northwest of and across the road from a "PK" nail and cap in a fence corner post, 37.0 feet north of a "PK" nail and cap in a fence corner post, 13 feet west of the centerline of the road; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 4 L".

647.513 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 330,016.447

Northing : 756,273.315

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth 0° ' ''	Grid Azimuth 0° ' ''	Grid Distance (feet)
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DNR BM WHSI TT 6 L

In Morgan County, Mooresville East Quad., in the SW ¼ of Sec. 1, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.7 mile north of Waverly; about 2.0 miles north along 850 East Road from its "T"-road intersection with 950 North Road (now new State Road 144), at the entrance to the barn lot of Roy A. Davee on the east side of the road; set in the top of a twelve inch square concrete post, 38.71 feet southwest of a "PK" nail and cap in the north gate post, 34.60 feet east-southeast of and across the road from a "PK" nail and cap in a power pole, 17.40 feet southwest of a "PK" nail and cap in the south gate post; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 6 L".

656.321 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 330,054.252                      Northing : 762,136.414

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	$0^{\circ} \ ' \ ''$	$0^{\circ} \ ' \ ''$	

DNR BM WHSI TT 1 M

In Morgan County, Mooresville East Quad, in the SW ¼ of Section 1, T. 13 N., R. 2 E., 2<sup>nd</sup> PM.; about 2.8 miles northwest of Waverly; at the 1150 North Road bridge over Goose Creek, east of the bridge; set in the top of a twelve inch square concrete post, 41.9 feet southeast of and across the road from a "PK" nail and cap in a eight inch tree, 38.45 feet southwest of and across the road from a "PK" nail and cap in a four inch tree, 11.5 feet south of the gravel 1150 North Road, 9.05 feet northwest of a "PK" nail and cap in a four inch tree; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 1 M".

646.483 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 332,410.362                      Northing : 764,286.666

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
	$0^{\circ} \ ' \ ''$	$0^{\circ} \ ' \ ''$	

DNR BM WHSI TT 1 X

In Morgan County, Mooresville East Quad., in the NE ¼ of Sec. 36, T. 14 N., R. 2 E., 2<sup>nd</sup> PM; about 4.0 miles north of Waverly; about 0.5 mile east along 1300 North Road (Landersdale Road) from its intersection with Mann Road; set in the top of a twelve inch square concrete post, 54.95 feet east of a "PK" nail in a power pole, 16.07 feet west of a "PK" nail in a fence post, 12 feet south of the centerline of the road; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 1 X".

658.404 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 334,011.429                      Northing : 772,180.250

AZIMUTH DATA:

Mark Name	Geodetic Azimuth ° ' "	Grid Azimuth ° ' "	Grid Distance (feet)
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DNR BM WHSI TT 2 X

In Morgan County, Mooresville East Quad., in the NE ¼ of Sec. 36, T. 14 N., R. 2 E., 2<sup>nd</sup> PM; about 4.0 miles north of Waverly; about 0.5 mile east along 1300 North Road (Landersdale Road) from its intersection with Mann Road to a turn south, thence about 0.3 mile south to Goose Creek; set in the top of a twelve inch square concrete post, 75 feet northwest of Goose Creek, 33 feet from the centerline of the road; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHSI TT 1 X".

663.017 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 0^{\circ} \ ' \ ''$                        $\lambda = 0^{\circ} \ ' \ ''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 334,250.945                      Northing : 770,594.815

AZIMUTH DATA:

Mark Name	Geodetic Azimuth ° ' "	Grid Azimuth ° ' "	Grid Distance (feet)
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DNR BM WHM TT A 1, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 2, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 2.5 miles west of Martinsville; about 0.25 miles southwest along State Road 67 from its intersection with 300 West Road to a bend in the road to the west; set in the top of a eight inch in diameter concrete post, 99 feet northwest of and across State Road 67 from the centerline of the Conrail (Penn Central) railroad, 44.4 feet northeast of power pole # 300/140, 32.7 feet northwest of the centerline of State Road 67, 23.5 feet southeast of a fence line, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 1".

605.367 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 24' 51.0926''$                        $\lambda = 86^{\circ} 29' 15.1731''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 268,066.390                      Northing : 698,145.997

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 2	233° 14' 03.896"	233° 45' 20.200"	3,620.865

DNR BM WHM TT A 2, 1973

In Morgan County, Martinsville Quad., in the NW ¼ of Sec. 1, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 2.0 miles west of Martinsville; about 0.2 miles southwest along State Road 67 from its steel bridge over Lambs Creek; set in the top of a eight inch in diameter concrete post, 116.3 feet north-northeast of and across the Conrail (Penn Central) railroad tracks from a telephone pole, 36.2 feet southeast of the centerline of State Road 67, 29.2 feet northwest of the centerline of the railroad tracks, 6.4 feet northwest of a "WARNING BURIED TELEPHONE CABLE" sign post, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 2".

**DESTROYED**

601.071 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 25' 12.5104''$                        $\lambda = 86^{\circ} 28' 38.2136''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 270,986.628                      Northing : 700,286.763

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 1	53° 14' 27.128"	53° 45' 20.200"	3,620.865

DNR BM WHM TT A 6, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 36, T. 12 N., R. 1 W., 2<sup>nd</sup> PM; about 1.5 miles west of Martinsville; about 0.5 mile northeast along State Road 67 from its steel bridge over Lambs Creek to a culvert under State Road 67; set in the top of a eight inch in diameter concrete post, 200 feet southwest of the beginning of the four lanes of State Road 67, 42.0 feet southeast of and across State Road 67 from the east corner of the northwest concrete headwall of the culvert, 41.2 feet southeast of and across State Road 67 from the south corner of the northwest concrete headwall of the culvert, 18.6 feet southeast of the centerline of State Road 67, 12.5 feet southwest of the north corner of the southeast concrete headwall of the culvert, 6.6 feet northwest of the west corner of the southeast concrete headwall of the culvert, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 6".

601.841 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 25' 34.3739''$                        $\lambda = 86^{\circ} 28' 02.1799''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 273,834.118                      Northing : 702,473.598

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 7	234° 04' 18.574"	234° 34' 49.000"	3,948.281

DNR BM WHM TT A 7, 1973

In Morgan County, Martinsville Quad., in the SW ¼ of Sec. 32, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile west of Martinsville; about 0.3 mile southwest along State Road 67 from its intersection with State Road 39; set in the top of a eight inch in diameter concrete post, 87 feet southeast of the centerline of State road 67, 74 feet southeast of the centerline of the north bound lanes of State Road 67, 65.6 feet west of a power pole, 24 feet southeast of the southeast edge of pavement of the north bound lanes of State Road 67, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 7".

600.621 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 25' 57.2688''$                        $\lambda = 86^{\circ} 27' 21.4350''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 277,051.687                      Northing : 704,761.871

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 6	54° 04' 44.206"	54° 34' 49.000"	3,948.281
WHM TT A 8	218° 26' 33.806"	218° 56' 38.600"	3,519.147

DNR BM WHM TT A 8, 1973

In Morgan County, Martinsville Quad., in the NW ¼ of Sec. 32, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.4 mile northwest of Martinsville; about 0.3 miles northeast along State Road 67 from its intersection with Pumpkinvine Hill Road and State Road 39; set in the top of a eight inch in diameter concrete post, 76.5 feet southeast of the centerline of State Road 67 and a storm drain box drop inlet, 47.0 feet southwest of a iron stake property corner in a fence line, 28.5 feet southeast of the southeast edge of the north bound lanes of State Road 67, 27.4 feet northwest of the southeast end of a six foot in diameter culvert outlet, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 8".

605.451 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 26' 24.5092''$                        $\lambda = 86^{\circ} 26' 53.5483''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 279,263.685                      Northing : 707,498.923

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 7	$38^{\circ} 26' 51.232''$	$38^{\circ} 56' 38.600''$	3,519.147
WHM TT A 9	$193^{\circ} 59' 27.032''$	$194^{\circ} 29' 14.400''$	3,622.987

DNR BM WHM TT A 9, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 29, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.0 mile northwest of Martinsville; at the intersection of State Road 67 and the road leading to Lake Edgewood; set in the top of a eight inch in diameter concrete post, about 460 feet north of the road leading to Lake Edgewood, 152 feet west of the centerline of State Road 67, 104 feet west of the west edge of pavement of the south bound lanes of State Road 67, 23 feet east of a right of way fence, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 9".

625.362 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 26' 59.2529''$                        $\lambda = 86^{\circ} 26' 42.3830''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 280,170.012                      Northing : 711,006.622

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 8	$13^{\circ} 59' 33.761''$	$14^{\circ} 29' 14.400''$	3,622.897

DNR BM WHM TT A 11, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 20, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.5 miles north of Martinsville; at the "T" road intersection of State Road 67 and Wilbur Road; set in the top of a eight inch in diameter concrete post, on top of a small ridge, 152 feet south of the centerline of Wilbur Road, 147 feet west of the centerline of State Road 67, 106.0 feet west of the west edge of pavement of the south bound lanes of State Road 67, 15.0 feet east of a right of way fence, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 11".

627.451 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 27' 27.8990''$                        $\lambda = 86^{\circ} 26' 34.0250''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 280,850.608                      Northing : 713,899.318

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 12	179° 16' 13.172"	179° 45' 48.800"	3,844.676

DNR BM WHM TT A 12, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 20, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 2.1 miles north of Martinsville; about 0.6 mile north along State Road 67 from its "T" road intersection with Wilbur Road; set in the top of a eight inch in diameter concrete post, 118 feet west of the centerline of State Road 67, 80 feet northeast of the northeast corner of a brick and stone two story house, 60.5 feet west of the west edge of pavement of the south bound lanes of State Road 67, 20.5 feet east of a right of way fence, level with the ground on the side slope of the road cut; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 12".

Not tied in vertically                      feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 28' 05.8938''$                        $\lambda = 86^{\circ} 26' 34.6493''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 280,834.742                      Northing : 717,743.961

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 11	359° 16' 12.378"	359° 45' 48.800"	3,844.676
WHM TT A 13	193° 10' 39.578"	193° 40' 16.000"	3,912.464

DNR BM WHM TT A 13, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 17, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.0 miles north of Martinsville; at the "T" road intersection of State Road 67 and Sheldon Road; set in the top of a eight inch in diameter concrete post, near the top of a high ridge, 200 feet north of the extended centerline of Sheldon Road, 134 feet east of the centerline of State Road 67, 86 feet east of the east edge of pavement of the north bound lanes of State Road 67, 80 feet northwest of old State Road 67 now abandoned, about 50 feet above the level of State Road 67, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 13".

Not tied in vertically                      feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 28' 43.5431''$                        $\lambda = 86^{\circ} 26' 23.2749''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 281,759.447                      Northing : 721,545.578

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 12	13° 10' 46.416"	13° 40' 16.000"	3,912.464

DNR BM WHM TT A 18, 1973

In Morgan County, Martinsville Quad., in the SW ¼ of Sec. 9, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.5 miles north of Martinsville; about 0.5 mile northeast along State Road 67 from its "T" road intersection with State Road 39; set in the top of a eight inch in diameter concrete post, 119 feet northwest of a right of way fence, 81 feet southeast of the centerline of State Road 67, 32.5 feet southeast of the southeast edge of pavement of the north bound lanes of State Road 67, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 18".

623.056 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 14.2455''$                        $\lambda = 86^{\circ} 25' 59.9325''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 283,616.208                      Northing : 724,636.344

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 19	208° 56' 18.739"	209° 25' 33.800"	2,746.516

DNR BM WHM TT A 19, 1973

In Morgan County, Martinsville Quad., in the NW ¼ of Sec. 9, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 4.0 miles north of Martinsville; at the State Road 67 bridge over Sycamore Creek; set in the top of a eight inch in diameter concrete post, 380 feet northeast of the bridge, 100 feet southeast of the centerline of State Road 67 and a storm water drop inlet, 52.5 feet southeast of the southeast edge of the concrete pavement of the north bound lanes of State Road 67, 23 feet northeast of the centerline of a private drive leading to Sycamore Lake and fishing camp, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 19".

612.931 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 38.0002''$                        $\lambda = 86^{\circ} 25' 42.9811''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 284,965.572                      Northing : 727,028.533

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 18	28° 56' 29.275"	29° 25' 33.800"	2,746.516
WHM TT A 20	199° 37' 15.775"	200° 06' 20.300"	3,068.502
WHM TT C 31	321° 50' 24.775"	209° 19' 29.300"	2,071.710

DNR BM WHM TT B 34, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 28, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.7 miles north of Martinsville; 2.0 miles generally north along Main Street (Blue Bluff Road) from the Morgan County Courthouse at Martinsville to a dirt farm "T"-lane west, thence 1,000 feet west along the farm lane to the Conrail (Pennsylvania) Railroad; set in the top of a eight inch in diameter concrete post, 64 feet west-southwest of a thirty inch tree in a fence line, 24 feet northwest of and across the dirt lane from a gas line marker post, 8.4 feet east of the centerline of the railroad, 7 feet north of the dirt lane, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 34".

606.672 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 27' 22.4753''$                        $\lambda = 86^{\circ} 25' 39.9445''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 285,087.822                      Northing : 713,314.390

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT C 33	184° 42' 33.696"	185° 11' 34.900"	3,428.836
WHM TT B 35	05° 25' 56.496"	05° 54' 57.700"	3,907.012

DNR BM WHM TT B 35, 1973

In Morgan County, Martinsville Quad., in the SW ¼ of Sec. 28, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.6 mile north of Martinsville; 1.25 miles north along Main Street (Blue Bluff Road) from the Morgan County Courthouse to a farm house and farm drive to the west, thence 200 feet west along the drive to the Conrail (Penn Central) railroad tracks, thence 180 feet north along the tracks and past a small drain under the tracks; set in the top of a eight inch in diameter concrete post, on top of a high point of a small ridge, 73.4 feet northwest of and across the tracks from a power pole, 20.7 feet west of the centerline of the railroad tracks, 18 feet south-southeast of a power pole, 1.5 feet east of a north-south fence line, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 35".

614.623 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 26' 44.0346''$                        $\lambda = 86^{\circ} 25' 44.6593''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 284,685.122                      Northing : 709,428.186

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 34	185° 25' 53.895"	185° 54' 57.700"	3,907.012
WHM TT B 36	04° 24' 31.195"	04° 53' 35.000"	2,889.927

DNR BM WHM TT B 36, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 33, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.2 mile north of Martinsville; 0.6 mile north along Main Street (Blue Bluff Road) from the Morgan County Courthouse at Martinsville to a brick factory; set in the top of a eight inch in diameter concrete post, west of the brick factory building and east of the Conrail (Penn Central) railroad tracks, 54 feet northwest of the north end of a concrete sidewalk, 34 feet east-southeast of and across the railroad tracks from a white lone four foot tall one foot in diameter concrete post, 21 feet west of a brick wall and loading platform, 9 feet east of the centerline of the main railroad track, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 36".

602.854 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 26' 15.5571''$                        $\lambda = 86^{\circ} 25' 47.4906''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 284,438.622                      Northing : 706,548.791

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 35	184° 24' 29.689"	184° 53' 35.000"	2,889.927
WHM TT K 37	06° 15' 03.789"	06° 44' 09.100"	2,952.099
WHM TT B 38	51° 38' 32.989"	52° 07' 38.300"	4,686.702

DNR BM WHM TT B 38, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 32, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; at Martinsville; about 0.2 mile northwest along State Road 39 from its "T" road intersection with Morgan Street to a Bi Low gas station on the southwest side of the road, in the northwest corner of the gas station property; set in the top of a eight inch in diameter concrete post, 160 feet northwest of the west corner of the gas station building, 68.5 feet southwest of the centerline of State Road 39, 15.8 feet southwest of the northeast concrete sign post, 13.3 feet northwest of the southwest concrete sign post, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 38".

601.324 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 25' 46.8099''$                        $\lambda = 86^{\circ} 26' 34.3249''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 280,739.048                      Northing : 703,671.582

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 36	231° 38' 03.539"	232° 07' 38.300"	4,686.702
WHM TT K 37	270° 26' 18.139"	270° 55' 52.900"	3,353.758
WHM TT B 39	28° 37' 15.639"	29° 06' 50.400"	4,296.158

DNR BM WHM TT B 39, 1973

In Morgan County, Martinsville Quad., in the NW ¼ of Sec. 5, T. 11 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile west of Martinsville; about 300 feet southeast along State Road 39 from its "T" road intersection with Morgan Street to a gravel "T" road west, thence 1.05 mile west then southwest and then south to a 90 degree bend in the road to the west; set in the top of a eight inch in diameter concrete post, 120 feet south of the approximate point of curve, about 109 feet east of the point of tangent, 31.5 feet southeast of the centerline of the road, 17.5 feet north of the centerline of the road to the west and near the sub-tangent of the road to the north, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 39".

592.900 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 25' 09.5372''$                        $\lambda = 86^{\circ} 27' 00.5464''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 278,648.757                      Northing : 699,918.230

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 38	208° 36' 59.378"	209° 06' 50.400"	4,296.158
WHM TT B 40	63° 40' 47.278"	64° 10' 38.300"	3,179.588

DNR BM WHM TT B 40, 1973

In Morgan County, Martinsville Quad., in the SW ¼ of Sec. 6, T. 11 N., R. 1 E., 2<sup>nd</sup> PM; about 1.2 miles west of Martinsville; about 300 feet southeast along State Road 39 from its "T" road intersection with Morgan Street to a gravel "T" road west, thence 1.8 miles generally west and south to a 90 degree bend in the road to the south and a gravel pit; set in the top of a eight inch in diameter concrete post, 77 feet southwest of a fifteen inch tree, 23 feet southeast of a twenty four inch twin trunked tree, 12 feet northwest of the centerline of the road, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 40".

590.925 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 24' 55.6023''$   $\lambda = 86^{\circ} 27' 36.8580''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 275,786.6619 Northing : 698,533.241

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 39	243° 40' 24.370"	244° 10' 38.300"	3,179.588
WHM TT B 41	00° 08' 59.870"	00° 39' 13.800"	4,037.711

DNR BM WHM TT B 41, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 7, T. 11 N., R. 1 E., 2<sup>nd</sup> PM; about 1.2 miles southwest of Martinsville; about 300 feet southeast along State Road 39 from its "T" road intersection with Morgan Street to a gravel "T" road west, thence 1.8 miles generally west and south to a 90 degree bend in the road to the south and a gravel pit, thence 0.75 mile south to a 90 degree bend in the road to the east; set in the top of a eight inch in diameter concrete post, 69 feet southeast of a thirty six inch Elm tree, 46 feet south of the centerline of the east-west road, 39.6 feet east-southeast of a thirty six inch Elm tree, 35 feet west of a power pole, 10.6 feet east of a power pole, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 41".

588.519 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 24' 15.6965''$   $\lambda = 86^{\circ} 27' 36.9926''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 275,740.586 Northing : 694,495.793

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 40	180° 09' 00.212"	180° 39' 13.800"	4,037.711
WHM TT B 42	273° 51' 51.612"	274° 22' 05.200"	4,443.741
WHM TT B 43	337° 58' 44.112"	338° 28' 57.700"	2,872.477

DNR BM WHM TT B 43, 1973

In Morgan County, Martinsville Quad., in the NW ¼ of Sec. 17, T. 11 N., R. 1 E., 2<sup>nd</sup> PM; about 1.2 miles southwest of Martinsville; at the "T" road intersection of 240 East Road (Jordan Road) and State Road 37 and a "T" farm lane to the west with a asphalt entrance; set in the top of a eight inch in diameter concrete post, 270 feet northwest of the centerline of State Road 37, 77.7 feet north of and across the farm lane from the steel end post of the right of way fence, 48.5 feet west of a steel end post of the right of way fence, 17 feet north of the centerline of the farm lane, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 43".

590.342 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 23' 49.3779''$                        $\lambda = 86^{\circ} 27' 23.2737''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 276,794.161                      Northing : 691,823.508

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 41	157° 58' 53.101"	158° 28' 57.700"	2,872.477
WHM TT B 42	234° 51' 09.201"	235° 21' 13.800"	4,105.198
WHM TT B 44	37° 39' 48.001"	38° 09' 52.600"	5,517.590

DNR BM WHM TT B 44, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 13, T. 11 N., R. 1 E., 2<sup>nd</sup> PM; about 2.2 miles southwest of Martinsville; about 0.6 mile southwest along State Road 37 from the State Road 37 bridge over Indian Creek; set in the top of a eight inch in diameter concrete post, on the side slope of the road cut along Maxwell Hill, 118 feet northwest of the centerline of State Road 37, 65.3 feet northwest of the northwest edge of the concrete pavement of the south bound lanes of State Road 37, 25.5 feet southeast of a right of way fence, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 44".

616.732 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 23' 06.2072''$                        $\lambda = 86^{\circ} 28' 06.2098''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 273,384.715                      Northing : 687,485.366

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 43	217° 39' 21.216"	218° 09' 52.600"	5,517.590
WHM TT G 71	265° 44' 23.716"	266° 14' 55.100"	4,728.312
WHM TT H 70	239° 49' 18.216"	240° 19' 49.600"	7,151.238

DNR BM WHM TT B 46, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 14, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 2.6 miles southwest of Martinsville; about 0.6 mile generally southwest along State Road 67 from its intersection with 300 West Road to a "T"-road south, thence about 200 feet southwest to a gravel road south, thence 0.3 mile south to the Cunningham Homestead Farm, thence through the farm gate at the southwest corner of the yard to a farm lane, thence 1.2 miles east and south along the lane and parallel with a north-south fence line to a east-west fence; set in the top of a eight inch in diameter concrete post, 800 feet northeast of the northeast corner of a barn, 750 feet east along the fence, 565 feet west of a fence corner, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 46".

585.310 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 23' 26.5515''$                        $\lambda = 86^{\circ} 29' 12.0921''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 268,230.495                      Northing : 689,590.197

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 47	176° 43' 29.787"	177° 14' 43.200"	4,281.474

DNR BM WHM TT B 47, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 11, T. 11 N., R. 1 W., 2<sup>nd</sup> PM; about 2.6 miles southwest of Martinsville; about 0.6 mile generally southwest along State Road 67 from its intersection with 300 West Road to a "T"-road south, thence about 200 feet southwest to a gravel road south, thence 0.3 mile south to the Cunningham Homestead Farm, thence through the farm gate at the southwest corner of the yard to a farm lane, thence 0.4 mile east and south along the lane and parallel with a north-south fence line to a east-west fence (the fourth east-west fence line south of the barn); set in the top of a eight inch in diameter concrete post, 510 feet east of a fence corner, 0.5 foot south of the fence, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT B 47".

585.182 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 24' 08.7974''$                        $\lambda = 86^{\circ} 29' 15.2080''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 268,024.728                      Northing : 693,866.724

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 46	356° 43' 27.342"	357° 14' 43.200"	4,281.474

DNR BM WHM TT C 31, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 9, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.2 miles north of Martinsville; at the Conrail (Penn Central) Railroad two-span steel truss bridge over the White River; set in the top of a eight inch in diameter concrete post, 325 feet north of the northwest face of the west concrete headwall, 7.5 feet west of the railroad, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT C 31".

614.278 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 21.7974''$                        $\lambda = 86^{\circ} 25' 26.6550''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 286,231.770                      Northing : 725,388.799

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 19	141° 50' 35.323"	142° 19' 29.300"	2,071.710
WHM TT C 32	04° 26' 10.823"	04° 55' 04.800"	3,496.354

DNR BM WHM TT C 32, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 16, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 2.6 miles north of Martinsville; 3.9 miles generally north along Main Street (Blue Bluff Road) from the Morgan County Courthouse at Martinsville to a stone drive to the west at the south edge of the Indianapolis Power and Light Company coal yard, thence generally west along the drive to the Conrail (Penn Central) railroad tracks; set in the top of a eight inch in diameter concrete post, surrounded by four two inch in diameter three feet high pipes, 75 feet northwest of the track leading to the power plant, 28 feet east of the main railroad track, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT C 32".

611.992 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 28' 47.4488''$                        $\lambda = 86^{\circ} 25' 30.1040''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 285,932.028                      Northing : 721,905.317

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT C 31	184° 26' 08.981"	184° 55' 04.800"	3,496.354
WHM TT C 33	05° 24' 22.781"	05° 53' 18.600"	5,203.623

### DNR BM WHM TT C 33, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 21, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 2.0 miles north of Martinsville; 2.6 miles generally north along Main Street (Blue Bluff Road) from the Morgan County Courthouse at Martinsville to a drive to the west leading to a gravel pit; set in the top of a eight inch in diameter concrete post, 393 feet south of a drain under the Conrail (Penn Central) railroad, 170.3 feet northwest of and across the railroad tracks from a gas line marker post, 66 feet west of the centerline of Blue Bluff Road, 33 feet west-southwest of and across the railroad tracks from a power pole, 8 feet west of the centerline of the railroad, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT C 33".

606.170 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 27' 56.2489''$                        $\lambda = 86^{\circ} 25' 36.3552''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 285,398.171                      Northing : 716,729.151

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT C 32	185° 24' 19.331"	185° 53' 18.600"	5,203.623
WHM TT C 34	04° 42' 35.631"	05° 11' 34.900"	3,428.836

### DNR BM WHM TT D 73, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 36, T. 12 N., R. 1 W., 2<sup>nd</sup> PM; about 1.7 miles west of Martinsville; about 0.3 mile generally north along Bain Road (old Base Line Road) from its "T" road intersection with old State Road 67, at the approximate midpoint of a long curve to the west; set in the top of a eight inch in diameter concrete post, 37.5 feet southwest of and across the road from a power pole, 11.1 feet southwest of the centerline of the road, 1.0 foot northeast of a fence line, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT D 73".

619.906 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 26' 06.9731''$                        $\lambda = 86^{\circ} 27' 47.2755''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 275,032.803                      Northing : 705,761.548

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 2	19° 31' 27.689"	20° 01' 49.000"	3,499.637

DNR BM WHM TT E 16, 1973

In Morgan County, Martinsville Quad., in the SW ¼ of Sec. 8, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.2 miles north of Martinsville; about 0.3 mile generally northwest along State Road 39 from its "T" road intersection with State Road 67 to a brick house at a fish hatchery and "T" drive to the west, thence 0.3 mile west and north along the cinder drive to a two story white farm house; set in the top of a eight inch in diameter concrete post, 128 feet east northeast of the northeast corner of the house, 92 feet northeast of a forty two inch Maple tree in the yard, 60 feet northeast of a corner fence post, 7 feet southwest of a power pole on top of a hill, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT E 16".

Not tied in vertically                      feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 20.1222''$                        $\lambda = 86^{\circ} 26' 50.1402''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 279,684.936                      Northing : 725,264.741

DNR BM WHM TT F 42, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec. 8, T. 11 N., R. 1 E., 2<sup>nd</sup> PM; at Martinsville; at the intersection of old State Road 37 and new State Road 37 on the southwest side of Martinsville, at the State Road 37 exit/entrance overpass; set in the top of a eight inch in diameter concrete post, 146.3 feet northeast of the southwest corner of the south bound bridge, 127.6 feet northeast of the northeast corner of the north bound bridge, 30.8 feet northwest of the northwest edge of pavement of the north bound lanes of State Road 37, 4 feet north of the centerline of State Road 37, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT F 42".

616.038 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 24' 12.7329''$                        $\lambda = 86^{\circ} 26' 40.5130''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 280,171.419                      Northing : 694,157.340

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 41	93° 52' 27.495"	94° 22' 05.200"	4,443.741
WHM TT B 43	54° 51' 36.095"	55° 21' 13.800"	4,105.198
WHM TT J 68	275° 28' 19.995"	275° 57' 57.700"	5,627.078
WHM TT J 69	285° 07' 07.195"	285° 36' 44.900"	3,240.807

DNR BM WHM TT G 71, 1973

In Morgan County, Martinsville Quad., in the SW ¼ of Sec 17, T. 11 N., R. 1 E., 2<sup>nd</sup> P. M.; about 0.2 mile southeast of Maxwell; 0.2 mile east along a farm lane from its intersection with Jordan Road in Maxwell, opposite Liberty Loop subdivision to a north-south fence, (the farm lane leads to a old graveyard), thence 400 feet south along the fence line; set in the top of a eight inch in diameter concrete post, 169.5 feet north of a fence corner, 39.5 feet northwest of a forty inch Sycamore tree, 35 feet south of a fifteen inch tree, 24.4 feet east of the north-south fence line, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT G 71".

638.388 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 23' 09.6743''$                        $\lambda = 86^{\circ} 27' 06.1578''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 278,102.896                      Northing : 687,794.722

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 44	85° 45' 01.784"	86° 14' 55.100"	4,728.312

DNR BM WHM TT H 70, 1973

In Morgan County, Martinsville Quad., in the NW ¼ of Sec 17, T. 11 N., R. 1 E., 2<sup>nd</sup> P. M.; about 0.5 mile northeast of Maxwell; about 0.7 mile generally west and then southwest along Burton Lane from its intersection with 50 West Road to its intersection with Burton Trail and a large barn at the south edge of the road, thence east along a asphalt road up the ridge to a bulldozed clearing and a future home site, at the west edge of flat ground; set in the top of a eight inch in diameter concrete post, 350 feet east of the barn, 75 feet above the ground at the barn, 35.3 feet southwest of a lone six inch Cedar tree in undisturbed ground, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT H 70".

676.375 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 23' 41.7292''$                        $\lambda = 86^{\circ} 26' 47.4678''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 279,598.388                      Northing : 691,025.207

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 41	131° 28' 49.807"	131° 58' 31.600"	5,189.181
WHM TT B 44	59° 50' 07.807"	60° 19' 49.600"	7,151.238

DNR BM WHM TT J 68, 1973

In Morgan County, Martinsville Quad., in the SE ¼ of Sec 9, T. 11 N., R. 2 E., 2<sup>nd</sup> P. M.; about 0.3 mile south of Martinsville; about 0.2 mile south along Mahalasville Road from its intersection with State Road 37 to a ninety degree turn to the east and a farm drive to the south, thence south and west along the south side of the barn to a gate on the dirt road running around Pollard's Hill, thence south along the dirt road past another barn and gate, continue generally south to the third clearing in the woods on the east side of the road, thence east about 200 feet to the top of a knoll; set in the top of a eight inch in diameter concrete post, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT J 68".

651.665 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 24' 07.4233''$   $\lambda = 86^{\circ} 25' 29.1583''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 285,768.020 Northing : 693,572.469

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT F 42	95° 29' 05.344"	95° 57' 57.700"	5,627.078
WHM TT J 69	82° 53' 52.344"	83° 22' 44.700"	2,491.986

DNR BM WHM TT J 69, 1973

In Morgan County, Martinsville Quad., in the SW ¼ of Sec 9, T. 11 N., R. 2 E., 2<sup>nd</sup> P. M.; about 0.3 mile south of Martinsville; about 400 north along 50 West Road from the 50 West Road bridge over Indiana Creek to a farm gate into a pasture field on the east side of the road, thence 900 feet east along a east-west fence line to a fence corner and the base of a spoil pile for Sartor Ditch; set in the top of a eight inch in diameter concrete post, on the top of the centerline of the pile, 150 feet northeast of the southeast corner fence post, 110 feet east of the north-south fence line, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT J 69".

604.687 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 24' 04.3770''$   $\lambda = 86^{\circ} 26' 00.6589''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 283,292.654 Northing : 693,285.144

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT F 42	105° 07' 32.580"	105° 36' 44.900"	3,240.807
WHM TT J 68	262° 53' 32.580"	263° 22' 44.700"	2,491.986

DNR BM WHM TT K 37, 1973

In Morgan County, Martinsville Quad., in the SW ¼ of Sec. 33, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; at Martinsville; at the intersection of West Harrison Street and North Marion Street; set in the top of a eight inch in diameter concrete post, 70.4 feet southwest of and across West Harrison Street from the southeast corner of the Frisbie's Grocery brick building, 29.5 feet northwest of the southwest corner of the brick porch of a house, 26 feet south of the centerline of West Harrison Street, 18 feet east of the centerline of North Marion Street, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT K 37".

599.915 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 25' 46.5541''$                        $\lambda = 86^{\circ} 25' 51.5869''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 284,092.363                      Northing : 703,617.069

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT B 36	186° 15' 01.486"	186° 44' 09.100"	2,952.099
WHM TT B 38	90° 26' 45.286"	90° 55' 52.900"	3,353.758

DNR BM WHM TT X 61, 1973

In Morgan County, Martinsville Quad., in the NW ¼ of Sec. 13, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.5 mile northeast of Martinsville; about 0.8 mile north along the entrance road to Foxcliff Estates from its intersection with Maple Turn Road to a road east on the north side of the clubhouse, thence generally east along the road and a dirt lane to a foot bridge over Clear Creek, at the Foxcliff Estates sewage ponds; set in the top of a eight inch in diameter concrete post, on the top of the levy at the southeast corner of the sewage pond, 100.7 feet northwest of the steel southeast corner fence post of the fence around the sewage pond, 49.7 feet west-southwest of the southeast corner of a concrete slab, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT X 61".

618.341 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 06.4856''$                        $\lambda = 86^{\circ} 22' 41.8445''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 299,140.630                      Northing : 723,723.797

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT X 60	280° 17' 53.879"	280° 45' 02.900"	4,370.134
WHM TT X 62	93° 47' 06.479"	94° 14' 15.500"	2,269.418

DNR BM WHM TT X 62, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 14, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.5 mile northeast of Martinsville; about 0.8 mile north along the entrance road to Foxcliff Estates from its intersection with Maple Turn Road to the Foxcliff Estates clubhouse, on the side of a hill east of the swimming pool; set in the top of a eight inch in diameter concrete post, 45 feet east of the southeast corner of a concrete block pump house, 41.6 feet north of a eighteen inch tree, 41.1 feet southeast of a power pole, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT X 62".

638.047 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 07.9652''$                        $\lambda = 86^{\circ} 23' 10.7255''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 296,877.416                      Northing : 723,891.491

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT X 61	273° 46' 48.100"	274° 14' 15.500"	2,269.418
WHM TT X 60	278° 04' 04.700"	278° 31' 32.100"	6,629.904

DNR BM WHM TT A 20, 1973

In Morgan County, Mooresville West Quad., in the SE ¼ of Sec. 4, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.7 miles southwest of Centerton; about 1.6 miles southwest along State Road 67 from its intersection with 600 North Road and Robb Hill Road; set in the top of a eight inch in diameter concrete post, about 900 feet north of the lane crossover to Bradford Woods State Reservation, 197 feet north of a power pole with line crossing State Road 67, 95 feet west-northwest of the centerline of State Road 67, 49.5 feet west-northwest of the west edge of pavement of the south bound lanes of State Road 67, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 20".

626.815 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 06.5657''$                        $\lambda = 86^{\circ} 25' 29.8365''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 286,020.378                      Northing : 729,910.042

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 19	19° 37' 23.843"	20° 06' 20.300"	3,068.503
WHM TT A 21	216° 06' 52.343"	216° 35' 48.800"	2,257.303

DNR BM WHM TT A 21, 1973

In Morgan County, Mooresville West Quad., in the NE ¼ of Sec. 4, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.0 mile southwest of Centerton; about 0.25 mile southwest along State Road 67 from its intersection with 550 North Road and 750 East Road; set in the top of a eight inch in diameter concrete post, 250 feet northeast of the third culvert under State Road 67 southwest of the intersection of State Road 67 and 750 East Road, 58 feet northwest of the centerline of the south bound lanes of State Road 67, 15 feet southeast of a highway right of way marker on the side of the road cut embankment, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 21".

629.291 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 24.5877''$                        $\lambda = 86^{\circ} 25' 12.8629''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 287,366.139                      Northing : 731,722.317

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 20	36° 07' 02.957"	36° 35' 48.800"	2,257.303

DNR BM WHM TT A 23, 1973

In Morgan County, Mooresville West Quad., in the NE ¼ of Sec. 3, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; at Center Valley; at the Conrail (Penn Central) railroad bridge over a unnamed tributary to the White River; set in the top of a eight inch in diameter concrete post, 53 feet southeast of the centerline of the north bound lanes of State Road 67, 47.2 feet south-southeast of the northeast corner of the concrete north bound State Road 67 bridge, 32.5 feet southeast of the southeast corner of the concrete north bound State Road 67 bridge, 12.2 feet northwest of the centerline of the railroad, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 23".

618.287 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 40.2398''$                        $\lambda = 86^{\circ} 24' 23.9219''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 291,215.179                      Northing : 733,274.158

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 24	224° 49' 31.936"	225° 17' 46.800"	3,540.552
WHM TT M 48	252° 57' 29.236"	253° 25' 44.100"	3,455.120

In Morgan County, Mooresville West Quad., in the SW ¼ of Sec. 35, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; at Centerton; at the intersection of State Road 67 and 150 East Road, at the south bound 67 crossover lane; set in the top of a eight inch in diameter concrete post, 98.5 feet southeast of and across the north bound lanes of State Road 67 from the southeast corner of the south concrete headwall of a culvert under the crossover lane, 35 feet west of a forty eight inch Maple tree, 11.7 feet south of a "ONE WAY" sign post, 10.5 feet southeast of the southeast edge of pavement of the north bound lanes of State Road 67, level with the asphalt apron at the grass line; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 24".

Position Data : 2<sup>nd</sup>. Order Class II      NAD 1927
$$\lambda = 86^{\circ} \ 23' \ 52.0744''$$

Indiana East Zone : Easting : 293,731.643

Northing : 735,764.724

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 23	314° 14' 18.354"	314° 42' 13.200"	3,540.552
WHM TT A 25	113° 24' 20.254"	113° 52' 15.100"	3,556.304
WHM TT A 26	176° 06' 08.254"	176° 34' 03.100"	3,545.284
WHM TT A 27	202° 00' 28.454"	202° 28' 23.300"	4,230.040
WHM TT A 24 RM 1	160° 24' 20.554"	160° 52' 15.400"	92.86

In Morgan County, Mooresville West Quad., in the SW ¼ of Sec. 35, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; at Centerton; at the intersection of State Road 67 and 150 East Road, at the south bound 67 crossover lane; set in the top of a eight inch in diameter concrete post, 61.6 feet northeast of and across the crossover from the northeast corner of the south concrete headwall of a culvert under the crossover lane, 38.5 feet northwest of the centerline of the north bound lanes of State Road 67, 36.0 feet southeast of the northeast corner of the north concrete headwall of a culvert under the crossover lane, 3 feet northeast of the curb of the crossover, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A RM 1".

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 24	0° 0' 0"	04° 19' 07"	92.86

DNR BM WHM TT A 27, 1973

In Morgan County, Mooresville West Quad., in the SW ¼ of Sec. 26, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.8 mile north of Centerton; at the "T" road intersection of State Road 67 and 190 East Road; set in the top of a eight inch in diameter concrete post, northeast of the intersection at a private drive to the northwest, 90 feet northwest of the centerline of State Road 67, 40 feet northwest of the northwest edge of pavement of the south bound lanes of State Road 67, 35.4 feet southwest of and across the drive from the southwest corner of the northeast concrete headwall of the culvert under the drive, 19 feet southeast of the right of way fence, 14.7 feet southwest of the southwest corner of the southwest concrete headwall of the culvert under the drive, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 27".

659.222 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 43.8165''$                        $\lambda = 86^{\circ} 23' 31.8451''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 295,348.577                      Northing : 739,673.530

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 24	22° 00' 40.948"	22° 28' 23.300"	4,230.040
WHM TT A 28	205° 41' 29.948"	206° 09' 12.300"	2,926.318

DNR BM WHM TT A 28, 1973

In Morgan County, Mooresville West Quad., in the NE ¼ of Sec. 26, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 1.4 miles northeast of Centerton; at the intersection of State Road 67 and Observatory Road; set in the top of a eight inch in diameter concrete post, about 700 feet generally north along Observatory Road to a fire lane on top of a narrow ridge to the south, thence about 450 feet south on the fire lane, on top of the east bank of the lane, 70 feet northwest of a right of way fence, 55 feet southeast of a wood pole and under ground telephone cable, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT A 24".

Not tied in vertically                      feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 32' 09.8783''$                        $\lambda = 86^{\circ} 23' 15.6532''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 296,638.429                      Northing : 742,300.242

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 27	25° 41' 40.001"	26° 09' 12.300"	2,926.318
WHM TT M 29	259° 29' 29.301"	259° 57' 01.600"	9,394.498
WHM TT A 30	263° 24' 39.801"	263° 52' 12.100"	21,712.524

DNR BM WHM TT L 25, 1973

In Morgan County, Mooresville West Quad., in the NW ¼ of Sec. 34, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.7 mile northwest of Centerton; about 0.6 mile generally north along Goat Hollow Road from its "T" road intersection with 600 North Road (Robb Hill Road) to a drive to the east leading to the Dale Frye residence; set in the top of a eight inch in diameter concrete post, at the crest of the hill, 56.9 feet southeast of the northeast corner of the brick house, 44.6 feet southeast of the southwest corner of the brick house, 13.6 feet southeast of the southeast corner of the brick house, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT L 25".

Not tied in vertically                      feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 19.0168''$                        $\lambda = 86^{\circ} 24' 33.7208''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 290,479.545                      Northing : 737,203.875

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 24	293° 23' 53.614"	293° 52' 15.100"	3,556.304
WHM TT A 26	239° 08' 18.814"	239° 36' 40.300"	3,545.284

DNR BM WHM TT L 26, 1973

In Morgan County, Mooresville West Quad., in the NW ¼ of Sec. 35, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.7 mile north of Centerton; about 0.5 mile generally north along 150 East Road from its intersection with State Road 67, just north of a brick house and frame barn on the west side of the road; set in the top of a eight inch in diameter concrete post, 176 feet south of a power pole, 172 feet north of a power pole, 15 feet east of the centerline of 150 East Road, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT L 26".

643.047 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 36.9886''$                        $\lambda = 86^{\circ} 23' 54.8836''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 293,537.752                      Northing : 738,997.311

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 24	356° 06' 06.152"	356° 34' 03.100"	3,238.397
WHM TT L 25	59° 08' 43.352"	59° 36' 40.300"	3,545.284

THIRD ORDER Position Data : NAD 1927

WHM TT A 24 RM 1	173° 32' 19.752"	174° 00' 16.700"	12.41
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DNR BM WHM TT M 48, 1973

In Morgan County, Mooresville West Quad., in the NW ¼ of Sec. 2, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; at Centerton; at the "T" road intersection of 600 North Road and Clay street; set in the top of a eight inch in diameter concrete post, near the extended centerline of Clay Street, 134.5 feet southwest of and across 600 North Road from the south most southeast corner of a one story brick house (2<sup>nd</sup> house east of the road intersection), 118.1 feet west of the northeast corner of a brick porch, 111.5 feet northwest of the southwest corner of a brick house, 78 feet southwest of and across 600 North Road from the southeast corner of a one story brick house at the northeast corner of the road intersection, 17 feet south of the centerline of 600 North Road, 6 feet southwest of a gas pipe locator, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT M 48".

624.891 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 50.2454''$                        $\lambda = 86^{\circ} 23' 41.7733''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 294,526.796                      Northing : 734,259.574

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT A 23	72° 57' 55.954"	73° 25' 44.100"	3,455.120
WHM TT M 49	267° 45' 43.154"	268° 13' 31.300"	3,572.175
WHM TT P 65	02° 55' 25.254"	03° 23' 13.400"	5,008.820
WHM TT Q 66	11° 07' 02.054"	11° 34' 50.200"	5,341.562

DNR BM WHM TT M 49, 1973

In Morgan County, Mooresville West Quad., in the SE ¼ of Sec. 35, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile east of Centerton; at the "T" road intersection of 600 North Road and 235 East Road; set in the top of a eight inch in diameter concrete post, 53.7 feet south of a power pole, 52.6 feet northeast of a boat spike section corner in the centerline centerline of the intersection, 47 feet north of the centerline of 600 North Road, 23.5 feet east of the centerline of 235 east Road, 23.5 feet northwest of a thirty inch Maple tree, 10 feet southwest of a thirty inch Maple tree, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT M 49".

620.897 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 51.6216''$                        $\lambda = 86^{\circ} 22' 56.2299''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 298,097.258                      Northing : 734,370.197

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT M 48	87° 46' 12.119"	88° 13' 31.300"	3,572.175
WHM TT M 50	278° 58' 26.519"	279° 25' 45.700"	2,354.555
WHM TT M 53	195° 59' 35.519"	196° 26' 54.700"	4,362.330

DNR BM WHM TT M 50, 1973

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 1, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 1.4 miles south of Bethany; 1.0 mile west along 590 North Road from its intersection with 390 East Road to a bend in the road; set in the top of a eight inch in diameter concrete post, on top of the south bank of a dredged ditch, 480 feet west of the extended centerline of a gravel "T" road to the south, 57.5 feet northwest of and across the road from a power pole, 33.2 feet northeast of the east corner of the northeast end of a concrete retaining wall, 13 feet north of the centerline of 590 North Road, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT M 50".

620.486 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 47.9907''$                        $\lambda = 86^{\circ} 22' 26.5558''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 300,419.999                      Northing : 733,984.446

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT M 49	98° 58' 45.434"	99° 25' 45.700"	2,354.555
WHM TT M 51	346° 49' 47.434"	347° 16' 47.700"	4,381.139

DNR BM WHM TT M 51, 1973

In Morgan County, Mooresville East Quad., in the SE ¼ of Sec. 1, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 2.0 miles south of Bethany; 1.0 mile west along 590 North Road from its intersection with 390 East Road to a gravel "T" road to the south, thence south about 2075 feet, thence east about 500 feet , and then south about 2150 feet along the gravel road to farm buildings; set in the top of a eight inch in diameter concrete post, 75.2 feet southwest of the southwest corner of a large barn, 14.5 feet northwest of the northwest corner of a wood corn crib, 8 feet east of the centerline of the road, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT M 51".

617.287 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 05.8295''$                        $\lambda = 86^{\circ} 22' 13.8216''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 301,384.678                      Northing : 729,710.832

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT M 52	275° 49' 08.336"	276° 16' 00.100"	4,318.430
WHM TT M 50	166° 49' 55.936"	167° 16' 47.700"	4,381.139

DNR BM WHM TT M 52, 1973

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 7, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.0 miles south of Bethany; at the 390 East Road bridge (Henderson bridge) over the White River; set in the top of a eight inch in diameter concrete post, 27.3 feet northwest of and across the road from the northwest corner of the east concrete railing at the northeast corner of the bridge, 14.5 feet west of the centerline of the road, 7 feet north of the northwest corner of the west concrete railing at the northwest corner of the bridge, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT M 52".

632.402 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 01.4987''$                        $\lambda = 86^{\circ} 21' 19.0165''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 305,677.302                      Northing : 729,239.448

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT M 51	95° 49' 43.238"	96° 16' 00.100"	4,318.430
WHM TT M 58	182° 34' 00.338"	183° 00' 17.200"	3,500.579
WHM TT M 59	00° 38' 47.438"	01° 05' 04.300"	4,439.719

DNR BM WHM TT M 55, 1973

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 31, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.0 mile southeast of Bethany; 0.9 mile north along 390 East Road from its "T" road intersection with 590 North Road to a oil pipeline and power line crossing the road; set in the top of a eight inch in diameter concrete post, 44 feet south of a oil pipe line vent post, 29 feet west of and across the road from a power pole, 14 feet west of the centerline of the road, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT M 55".

**Reported Destroyed 5/3/1978**

703.232 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 33.1375''$                        $\lambda = 86^{\circ} 21' 17.6450''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 305,855.680                      Northing : 738,510.469

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT N 54	92° 27' 08.561"	92° 53' 25.400"	2,193.939
WHM TT M 56	180° 24' 54.761"	180° 51' 11.600"	3,292.502

DNR BM WHM TT M 56, 1973

In Morgan County, Mooresville East Quad., in the SW ¼ of Sec. 30, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.7 mile east of Bethany; 1.5 miles north along 390 East Road from its "T" road intersection with 590 North Road to a private drive to the east; set in the top of a eight inch in diameter concrete post, 75 feet southwest of and across the drive from the southwest corner of a brick house, 27 feet southwest of and across the drive from the southwest corner of a brick pillar at the north edge of the drive, 13 feet east of the centerline of the road, 13 feet southwest of the southwest corner of a brick pillar at the south edge of the drive, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT M 56".

704.375 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 32' 05.6772''$   $\lambda = 86^{\circ} 21' 17.3404''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 305,904.709 Northing : 741,802.606

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT M 55	00° 24' 54.653"	00° 51' 11.600"	3,292.502
WHM TT S 119	295° 39' 50.153"	296° 06' 07.100"	4,443.826

DNR BM WHM TT M 58, 1973

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 6, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 1.7 miles southeast of Bethany; about 0.2 mile south along 390 East Road from its "T"-road intersection with 590 North Road, near the top of a hill; set in the top of a eight inch in diameter concrete post, 162 feet north of a fence corner post, 52 feet southwest of and across the road from a power pole, 12 feet east of the centerline of the road, level with the ground, at the base of the road cut; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT M 58".

698.273 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 36.0612''$   $\lambda = 86^{\circ} 21' 17.0164''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 305,860.800 Northing : 732,735.215

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT M 52	02° 34' 01.290"	03° 00' 17.200"	3,500.579

DNR BM WHM TT N 53, 1973

In Morgan County, Mooresville West Quad., in the NW ¼ of Sec. 36, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 1.0 mile northeast of Centerton; about 0.4 mile northeast along old 67 Road from the "T" road intersection of 235 East Road and 650 North Road and old 67 Road to the entrance drive leading to the Hydraulic Press Brick Company clay pits and power line switching station; set in the top of a eight inch in diameter concrete post, 180 feet northeast of the entrance drive, 26 feet northwest of the centerline of the Conrail (Penn Central) railroad tracks, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT N 53".

646.793 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 33.0665''$                        $\lambda = 86^{\circ} 22' 40.8918''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 299,332.469                      Northing : 738,553.995

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT M 49	15° 59' 44.881"	16° 26' 54.700"	4,362.330
WHM TT N 54	268° 39' 35.381"	269° 06' 45.200"	4,332.582

DNR BM WHM TT N 54, 1973

In Morgan County, Mooresville East Quad., in the NE ¼ of Sec. 36, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.6 mile southeast of Bethany; 0.4 mile west along 700 North Road from its "T" road intersection with 390 East Road to a gravel "T" road to the south at the bottom of a hill and a ninety degree bend in 700 North Road to the north, thence 0.3 mile south along the gravel "T" road to a farm on the east side of the road and a ninety degree bend in the road to the west and a dirt farm lane, thence generally east along the dirt farm lane to the top of a hill and a high tension power line running east-west; set in the top of a eight inch in diameter concrete post, about 500 feet southeast of the farm house, 210 feet southeast of a lone tree, 190 feet northeast of a power line pole, 112 feet northwest of a power line pole, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT N 54".

697.255 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 34.0643''$                        $\lambda = 86^{\circ} 21' 45.6171''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 303,664.532                      Northing : 738,621.098

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT N 53	88° 40' 10.550"	89° 06' 45.200"	4,332.582
WHM TT M 55	272° 26' 50.750"	272° 53' 25.400"	2,193.939

DNR BM WHM TT P 65, 1973

In Morgan County, Mooresville West Quad., in the NW ¼ of Sec. 11, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 0.7 mile south of Centerton; about 0.95 mile south along 150 East Road from its "T" road intersection with 600 North Road to an old fence and grass line dividing farm fields and being the section line, thence east along the line 1,020 feet; set in the top of a eight inch in diameter concrete post, 160.5 feet northeast of the southeast most of two power poles, 158.9 feet northeast of the northwest most of two power poles, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT P 65".

612.303 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 00.8066''$                        $\lambda = 86^{\circ} 23' 45.0324''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 294,230.870                      Northing : 729,259.503

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT Q 66	72° 50' 51.466"	73° 18' 41.200"	810.514
WHM TT M 48	182° 55' 23.666"	183° 23' 13.400"	5,008.820
WHM TT Q 67	73° 51' 51.536"	74° 19' 41.270"	3,960.300
WHM TT M 49	216° 38' 41.076"	217° 06' 30.810"	6,408.444

DNR BM WHM TT Q 66, 1973

In Morgan County, Martinsville Quad., in the NW ¼ of Sec. 11, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 4.2 miles north of Martinsville; about 0.2 mile northeast along Blue Bluff Road (150 East Road) to an old fence and grass line dividing farm fields and being the section line, thence east along the line 225 feet, thence 200 feet south to a power line; set in the top of a eight inch in diameter concrete post, 6.4 feet north of the northwest most of two power poles, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT Q 66".

610.272 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 58.4440''$                        $\lambda = 86^{\circ} 23' 54.9119''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 293,454.495                      Northing : 729,026.748

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT Q 67	74° 07' 26.905"	74° 35' 22.900"	3,149.947
WHM TT M 48	191° 06' 54.205"	191° 34' 50.200"	5,341.562
WHM TT P 65	252° 50' 45.205"	253° 18' 41.200"	810.514
WHM TT M 49	220° 30' 50.557"	220° 59' 11.050"	7,078.678

### DNR BM WHM TT Q 67, 1973

In Morgan County, Martinsville Quad., in the NE ¼ of Sec. 10, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 4.1 miles north of Martinsville; 4.8 miles generally north along Main Street (Blue Bluff Road) from the Morgan County Courthouse at Martinsville to a abandoned railroad bed with a new power line heading northeast, thence 1,325 feet along the power line to a farm lane; set in the top of a eight inch in diameter concrete post, on top of the railroad fill just north of the break in the fill for the farm lane, 32.7 feet south of the northwest most of two power poles, 28.1 feet south-southwest of the southeast most of two power poles, 26.4 feet northeast of the centerline of the farm lane, four inches above the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT Q 67".

615.279 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 49.9261''$                        $\lambda = 86^{\circ} 24' 33.5601''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 290,417.796                      Northing : 728,189.716

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT Q 66	254° 07' 02.407"	254° 35' 22.900"	3,149.947
WHM TT P 65	253° 51' 20.777"	254° 19' 41.270"	3,960.300
WHM TT A 23	188° 26' 26.207"	188° 54' 46.700"	5,146.589

### DNR BM WHM TT S 119, 1973

In Morgan County, Mooresville East Quad., in the SW ¼ of Sec. 29, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.5 mile east of Bethany; 0.75 mile east along 700 North Road from its intersection with 390 East Road; set in the top of a eight inch in diameter concrete post, 119 feet west of a thirty inch Walnut tree, 55.2 feet northwest of and across the road from a gas line locator pipe, 16 feet north of the centerline of the road, 11.8 feet southwest of a fence corner post, 3 feet above the road, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT S 119".

671.312 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 46.6529''$                        $\lambda = 86^{\circ} 20' 26.2227''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 309,895.321                      Northing : 739,847.456

#### AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT M 56	115° 40' 22.865"	116° 06' 07.100"	4,443.826
WHM TT T 120	07° 36' 02.265"	08° 01' 46.500"	5,398.328
WHM TT S 121	273° 51' 53.165"	274° 17' 37.400"	3,655.382

In Morgan County, Mooresville East Quad., in the SW ¼ of Sec. 29, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 2.2 mile east of Bethany; 1.45 mile east along 700 North Road from its intersection with 390 East Road to a farm house and barn on the south side of the road on top of the hill; set in the top of a eight inch in diameter concrete post, near the edge of the drive, about 500 feet west of the "T" road intersection of 550 east Road and 700 North Road, about 325 feet south of the centerline of 700 North Road, 100 feet west of the northwest corner of a concrete block barn, 52 feet southwest of a light pole, 45 feet southeast of the east most southeast corner of the one story farm house, 30.5 feet southeast of the south most southeast corner of the one story farm house, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT S 121".

Northing : 739,573.780

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT T 119	93° 52' 22.810"	94° 17' 37.400"	3,655.382
WHM TT T 120	40° 31' 02.810"	40° 56' 17.400"	6,713.810
WHM TT S 122	227° 36' 22.510"	228° 01' 37.100"	4,201.901

Northing : 742,383.930

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT T 121	47° 36' 47.475"	48° 01' 37.100"	4,201.901

DNR BM WHM TT T 120, 1973

In Morgan County, Mooresville East Quad., in the SW ¼ of Sec. 32, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 1.9 miles southeast of Bethany; about 0.6 mile east along a gravel 600 North Road from its "T"-road intersection with 390 East Road; ); set in the top of a eight inch in diameter concrete post, on top of the hill, 125 feet east of a power pole, 115 feet west of a power pole, 88.7 feet northwest of and across the road from a twenty four inch tree, 20 feet north of the centerline of the gravel road, just west of a large wood gate post, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT T 120".

659.901 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 53.7685''$                        $\lambda = 86^{\circ} 20' 35.3333''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 309,141.258                      Northing : 734,502.054

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT S 119	187° 35' 56.448"	188° 01' 46.500"	5,398.328
WHM TT S 121	220° 30' 27.848"	220° 56' 17.400"	6,713.810

DNR BM WHM TT U 59, 1973

In Morgan County, Cope Quad., in the SW ¼ of Sec. 7, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.2 miles northwest of Cope; at the intersection of old two lane State Road 37 and 390 East Road; set in the top of a eight inch in diameter concrete post, 203 feet southwest of and across 390 East Road from a thirty inch Sugar Maple tree, 25.1 feet northwest of the centerline of old two lane State Road 37, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT U 59".

**DESTROYED by new road construction**

630.807 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 17.6225''$                        $\lambda = 86^{\circ} 48' 26.3222''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 305,593.267                      Northing : 724,800.525

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT M 52	180° 38' 47.438"	181° 05' 04.300"	4,439.719
WHM TT X 60	48° 20' 12.438"	48° 46' 29.300"	2,870.810
WHM TT U 108	237° 48' 24.638"	238° 14' 41.500"	2,868.363

DNR BM WHM TT V 63, 1973

In Morgan County, Cope Quad., in the NE ¼ of Sec. 9, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.3 miles north of Cope; 0.25 mile south along 600 East Road from its "T" road intersection with New Harmony Road to a stone private drive to the east, thence 0.25 mile east along the drive to a red barn where the drive makes a ninety degree turn to the south, thence north about 800 feet through the gate at the barn to a power line; set in the top of a eight inch in diameter concrete post, on top of a small knoll in the middle of a briar patch, 70 feet east of the south most of two power poles, 15 feet east of a north-south fence line, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT V 63".

Not tied in vertically                      feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 55.4855''$                        $\lambda = 86^{\circ} 19' 03.4550''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 316,299.252                      Northing : 728,552.019

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT V 118	245° 19' 06.219"	245° 43' 56.800"	2,968.724
WHM TT V 64	65° 07' 23.219"	65° 32' 13.800"	2,916.587

DNR BM WHM TT V 64, 1973

In Morgan County, Cope Quad., in the NE ¼ of Sec. 8, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.2 miles north of Cope; 0.3 mile south along 600 East Road from its "T" road intersection with New Harmony Road to a dirt farm lane to the west along the south edge of a dredged ditch, thence about 1,400 feet west along the dirt lane; set in the top of a eight inch in diameter concrete post, on top of the spoil pile on the north bank of the ditch, near a power line that crosses Stotts Creek, 95 feet east of a fence corner post, 1.8 feet north of the east-west fence line, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT V 64".

Not tied in vertically                      feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 43.3581''$                        $\lambda = 86^{\circ} 19' 37.2066''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 313,644.487                      Northing : 727,344.252

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT V 63	245° 07' 01.858"	245° 32' 13.800"	2,916.587
WHM TT W 104	329° 05' 46.258"	329° 30' 58.200"	4,512.786
WHM TT U 110	158° 21' 30.758"	158° 46' 42.700"	2,442.304

DNR BM WHM TT U 110, 1973

In Morgan County, Mooresville East Quad., in the NE ¼ of Sec. 8, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.0 miles southeast of Bethany; at the State Road 37 concrete bridge over Stotts Creek; set in the top of a eight inch in diameter concrete post, about 660 feet northeast of the northeast expansion joint of the north bound lanes of the bridge, 23 feet southeast of the centerline of the north bound lanes of State Road 37, level with the ground at the top of the berm embankment; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT U 110".

Not tied in vertically                      feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 05.7945''$                        $\lambda = 86^{\circ} 19' 48.6971''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 312,760.436                      Northing : 729,620.940

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT U 109	61° 20' 41.950"	61° 46' 01.400"	2,478.882
WHM TT U 111	222° 23' 59.350"	222° 49' 18.800"	2,305.148
WHM TT V 64	338° 21' 23.250"	338° 46' 42.700"	2,442.304
WHM TT W 104	332° 20' 37.950"	332° 45' 57.400"	6,934.399

DNR BM WHM TT U 114, 1973

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 33, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 3.0 miles east of Bethany; 2.0 mile east along 700 North Road from its intersection with 390 East Road to a dirt farm lane to the south just past a power line crossing the road, thence 0.2 mile south along the dirt lane to a stone quarry; set in the top of a eight inch in diameter concrete post, 250 feet west of the mill building, 30 feet west of a plow line of a farm field, 18 feet south of a lone thirty six inch Hickory tree in the farm field, six inches above the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT U 114".

727.163 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 33.1599''$                        $\lambda = 86^{\circ} 19' 04.1363''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 316,317.312                      Northing : 738,434.908

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT U 113	349° 16' 24.329"	349° 41' 16.200"	4,784.829
WHM TT U 115	288° 24' 41.829"	288° 49' 33.700"	6,347.973

DNR BM WHM TT U 115, 1973

In Morgan County, Mooresville East Quad., in the SE ¼ of Sec. 34, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 2.7 miles southwest of Waverly; 0.4 mile northeast along State Road 37 from the State Road 37 bridge over Crooked Creek to an east-west power line crossing the highway; set in the top of a eight inch in diameter concrete post, 204 feet northeast of a crossover on the highway, 83 feet southeast of the centerline of State Road 37, 32.5 feet southeast of the southeast edge of the concrete pavement of the north bound lanes of State Road 37, 12 feet northwest of and across the right of way fence from power pole # 107 M 28, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT U 115".

657.970 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 13.3373''$                        $\lambda = 86^{\circ} 17' 47.2797''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 322,325.686                      Northing : 736,386.446

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT U 114	288° 25' 30.911"	288° 49' 33.700"	6,347.973
WHM TT U 116	214° 17' 47.311"	214° 41' 50.100"	2,222.100
WHM TT V 117	36° 36' 42.011"	37° 00' 44.800"	2,718.239

DNR BM WHM TT U 116, 1973

In Morgan County, Mooresville East Quad., in the NE ¼ of Sec. 34, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 2.2 miles southwest of Waverly; 0.9 mile northeast along State Road 37 from the State Road 37 bridge over Crooked Creek, near the top of a hill; set in the top of a eight inch in diameter concrete post, 128 feet south of and across the right of way fence from a lone forty eight inch tree in a pasture, 85 feet northwest of the centerline of State Road 37, 16 feet southeast of the right of way fence, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT U 116".

700.103 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 31' 31.4803''$                        $\lambda = 86^{\circ} 17' 31.3012''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 323,590.595                      Northing : 738,213.394

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT U 115	34° 17' 57.326"	34° 41' 50.100"	2,222.100

DNR BM WHM TT V 117, 1973

In Morgan County, Mooresville East Quad., in the NW ¼ of Sec. 3, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.2 miles southwest of Waverly; about 400 feet south along 640 East Road from its "T" road intersection with State Road 37 to its "T" road intersection with Continental Manor Drive, thence 0.3 mile east to a cul-de-sac; set in the top of a eight inch in diameter concrete post, 169.3 feet east of a power pole, about 100 feet northeast of the centerline of Continental Manor Drive, 5.2 feet northwest of the northwest edge of pavement of the cul-de-sac, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT V 117".

707.914 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 51.7722''$                        $\lambda = 86^{\circ} 18' 07.9642''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 320,689.338                      Northing : 734,215.919

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT U 115	216° 36' 29.033"	217° 00' 44.800"	2,718.239
WHM TT U 118	20° 20' 48.233"	20° 45' 04.000"	4,752.033

DNR BM WHM TT V 118, 1973

In Morgan County, Mooresville East Quad., in the SW ¼ of Sec. 3, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 4.1 miles southwest of Waverly; at the "T" road intersection of New Harmony Road (500 North Road) and a gravel 640 East Road; set in the top of a eight inch in diameter concrete post, 65.9 feet east of and across 650 East Road from a fence corner post north of New Harmony Road (500 North Road), 42.1 feet northeast of and across 650 East Road from a power pole south of New Harmony Road (500 North Road), 12 feet north of the centerline of a drive leading east to a large white barn, 10 feet north of the extended centerline of New Harmony Road (500 North Road), level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT V 118".

758.583 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 30' 07.7361''$                        $\lambda = 86^{\circ} 18' 29.0427''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 319,005.648                      Northing : 729,772.158

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT V 117	200° 20' 35.201"	200° 45' 04.000"	4,752.033
WHM TT V 63	65° 19' 28.001"	65° 43' 56.800"	2,968.724

DNR BM WHM TT W 104, 1973

In Morgan County, Cope Quad., in the NW ¼ of Sec. 16, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.4 miles north of Cope; about 0.35 mile north along 600 East Road from its "T" road intersection with 350 North Road to a old abandoned farm house about 450 feet north of a bend in the road; set in the top of a eight inch in diameter concrete post, 64.8 feet northwest of and across the road from a fence corner post just north of the drive leading east to a barn, 19.7 feet southeast of the northeast corner of a concrete barn foundation, 19.1 feet west of the centerline of the road, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT W 104".

679.894 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 29' 05.0877''$                        $\lambda = 86^{\circ} 19' 07.6461''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 315,933.802                      Northing : 723,455.258

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT V 64	149° 06' 05.396"	149° 30' 58.200"	4,512.786
WHM TT V 110	152° 21' 04.596"	152° 45' 57.400"	6,934.399

DNR BM WHM TT X 60, 1973

In Morgan County, Cope Quad., in the NE ¼ of Sec. 13, T. 12 N., R. 1 E., 2<sup>nd</sup> PM; about 3.2 miles northwest of Cope; about 0.35 mile generally northeast along old two lane State Road 37 from its "T"-road intersection with 350 North Road to a gray Bedford stone ranch style home at a farm; set in the top of a eight inch in diameter concrete post, 215 feet southwest of the centerline of the drive, 48.5 feet south of a "PK" nail in the east side of a twelve inch Osage Orange tree in a fence row to the northwest, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM TT X 60".

628.307 feet NGVD 1929

Position Data : 2<sup>nd</sup>. Order Class II                      NAD 1927

Geodetic Position :  $\phi = 39^{\circ} 28' 58.7606''$                        $\lambda = 86^{\circ} 21' 47.0078''$

Indiana State Plane Coordinates in U.S. Survey Feet (one meter = 39.37 inches exactly)

Indiana East Zone : Easting : 303,434.058                      Northing : 722,908.603

AZIMUTH DATA:

Mark Name	Geodetic Azimuth	Grid Azimuth	Grid Distance (feet)
WHM TT U 59	228° 19' 55.221"	228° 46' 29.300"	2,870.810
WHM TT X 61	100° 18' 28.821"	100° 45' 02.900"	4,370.134
WHM TT X 62	98° 04' 58.021"	98° 31' 32.100"	6,629.904

DNR BM A 106, 1973

In Morgan County, Cope Quad., in the NW  $\frac{1}{4}$  of Sec. 9, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.3 miles north of Cope; 0.3 mile south along 600 East Road from its "T" road intersection with New Harmony Road to a stone private drive to the east; set in the top of a eight inch in diameter concrete post, 425 feet north of a bridge over a dredged creek, 48 feet north of the extended line of the drive, 40.3 feet northwest of and across the road from a power pole, 14 feet west of the centerline of the road, 13 feet north of a power pole, about 1.5 feet below the level of the road, level with the ground; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM BM A 106".  
645.207 feet NGVD 1929

DNR TBM WHM B 108, 1973

In Morgan County, Cope Quad., in the NW  $\frac{1}{4}$  of Sec. 7, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 3.9 miles northwest of Cope; at the 390 East Road bridge (Henderson bridge) over the White River; set in the top of the southeast wingwall of the bridge, 0.1 foot south of the north face of the wingwall; a chiseled square.  
632.172 feet NGVD 1929

DNR TBM WHM B 108, 1973

In Morgan County, Mooresville East Quad., in the NW  $\frac{1}{4}$  of Sec. 7, T. 12 N., R. 2 E., 2<sup>nd</sup> PM; about 2.0 miles south of Bethany; at the 390 East Road bridge (Henderson bridge) over the White River; set in the top at the north end of the west concrete wheel guard; a chiseled triangle.  
633.326 feet NGVD 1929

DNR TBM WHM B 56, 1973

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 30, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 0.7 mile east of Bethany; at the intersection of 390 East Road and 700 North Road, in the northeast  $\frac{1}{4}$  of the intersection; set in the northwest side of power pole # 814/3209, 33 feet north of 700 North Road, 13 feet east of 390 East Road, 0.6 foot above the ground; a railroad spike.  
687.414 feet NGVD 1929

DNR BM A 115, 1973

In Morgan County, Mooresville East Quad., in the SE  $\frac{1}{4}$  of Sec. 34, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 2.7 miles southwest of Waverly; 0.4 mile northeast along State Road 37 from the State Road 37 bridge over Crooked Creek to an east-west power line crossing the highway; set in the north side of power pole # 107 M 28, 95 feet southeast of the centerline of State Road 37, just south of a east-west fence line, southeast of the right of way fence; a railroad spike.  
659.410 feet NGVD 1929

ISHC BM MOR 55 S 18

In Morgan County, Mooresville East Quad., in the SW  $\frac{1}{4}$  of Sec. 34, T. 13 N., R. 2 E., 2<sup>nd</sup> PM; about 3.1 miles southwest of Waverly; at the State Road 37 bridge over Crooked Creek; set in the top of the center of the southwest concrete abutment of the south bound lanes bridge, northwest of the steel guardrail; a Indiana State Highway Commission bronze tablet, stamped "MOR 55 S 18".

641.410 feet NGVD 1929

DNR BM C 49, 1973

In Morgan County, Mooresville West Quad., in the NE  $\frac{1}{4}$  of Sec. 35, T. 13 N., R. 1 E., 2<sup>nd</sup> PM; about 0.5 mile northeast of Centerton; at the "T" road intersection of 235 East Road and 650 North Road and old 67 Road, at a pumping station (SOH 10); set in the top of a eight inch in diameter concrete post, on the approximate sub tangent of the Conrail (Penn Central) railroad tracks, 32.5 feet northwest of the centerline centerline of the intersection, 14 feet southwest of the centerline of the gravel drive leading to the pumping station, 12 feet southeast of the centerline of the railroad tracks; ; a Indiana Flood Control and Water Resources Commission control station tablet, stamped "WHM BM C 49".

640.844 feet NGVD 1929